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62-71
PORTLAND SEED CO'S Catalogue

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**Seeds
AND
Garden
Supplies
Portland
Ore**



**A COLLECTION
13 VARIETIES
OF ABOVE
VEGETABLES 50¢**

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CATALOGUE NO. 28.

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REFER TO THIS CATALOGUE AS NO. 28.

PORTLAND SEED COMPANY

135 FRONT ST., COR. ALDER, PORTLAND, OREGON.

ORDER SHEET.

PORTLAND SEED CO.

135 Front Street, Cor. Alder,

PORTLAND, OREGON.

PLEASE LEAVE ABOVE SPACES BLANK

NO GOODS SENT C. O. D.

GENTLEMEN: Send me the Goods named below, according to the terms as specified in your 1901 Catalogue.

Name

Write the address very plainly.

Date 190.....

Post Office

§

County _____

State

State how money is sent.

Give Express or }
Freight Office }

Quantity

Name of Article Wanted

Amount

OVER

TRY THE NEW AUSTRALIAN BROWN ONION

Quantity.

Name of Article Wanted

Amount.

Amount Brought Forward

Please give us here the names and addresses of some of your neighbors who use seed.

Groesbeck's Egg Producer has proven itself A 1, second to none.

PORTLAND SEED COMPANY'S

CATALOGUE and PRICE LIST

—◆—
≡ NO. 28 ≡
—◆—

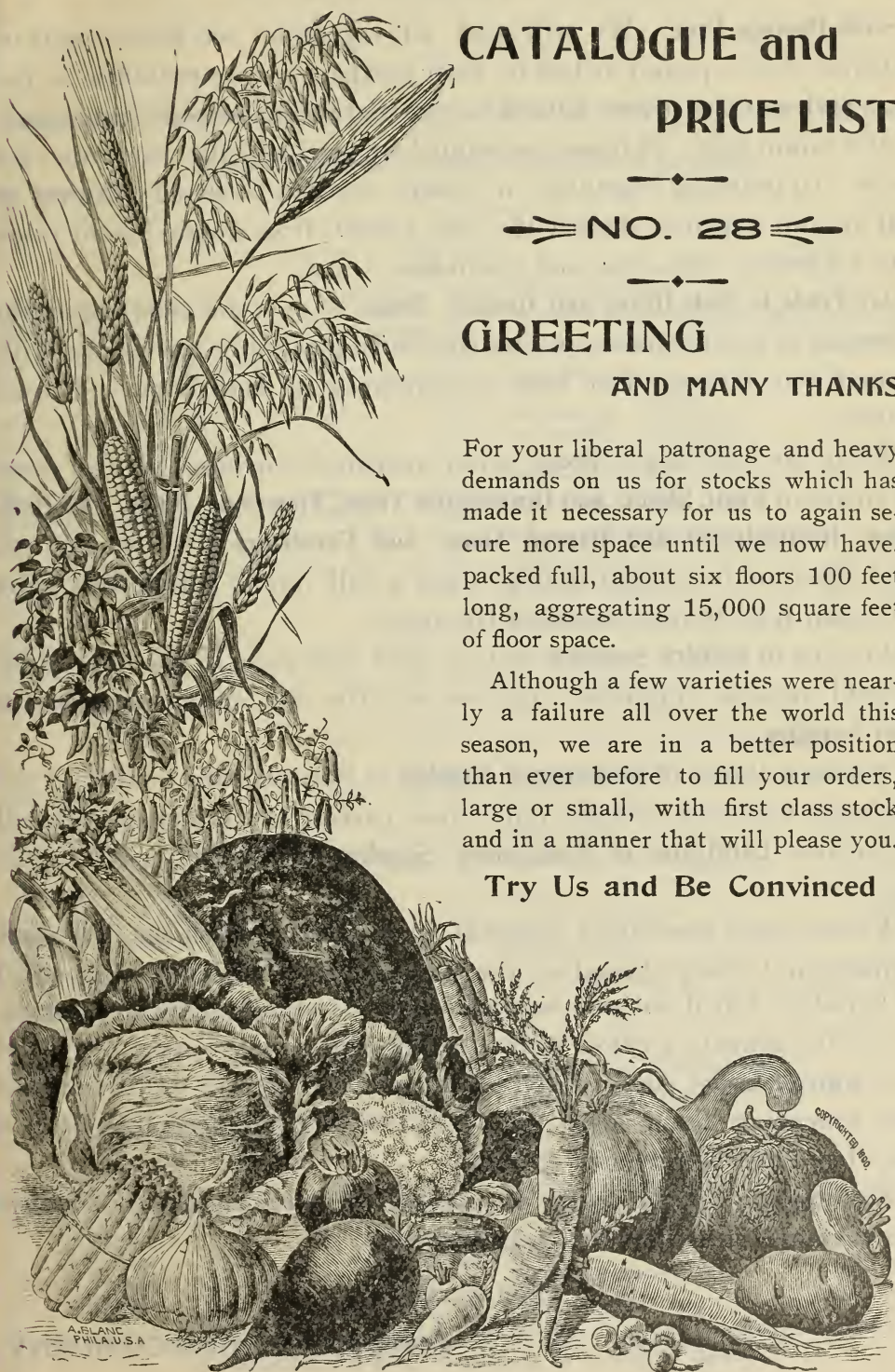
GREETING

AND MANY THANKS

For your liberal patronage and heavy demands on us for stocks which has made it necessary for us to again secure more space until we now have, packed full, about six floors 100 feet long, aggregating 15,000 square feet of floor space.

Although a few varieties were nearly a failure all over the world this season, we are in a better position than ever before to fill your orders, large or small, with first class stock and in a manner that will please you.

Try Us and Be Convinced



IMPORTANT.

Seeds Postage Free. We will send all vegetable and flower seeds in quantities of one pound or less by mail postpaid to any postoffice in the United States at the prices named in the Catalogue, except beans, corn, peas and onion sets. If these are wanted by mail add 10c. per pound for postage. In ordering vegetable or flower seed to be sent by **Express or freight** at your expense, deduct 10c. per pound from single pound price, except for beans, corn, peas and onion sets.

Our Trade in Bulk Grass and Garden Seeds is now the most important department of our business, and we should be pleased to correspond with gardeners and farmers who wish to purchase in both large and small quantities.

While the handling of **Seeds** is our principal business, we also carry large stocks of **Fruit, Shade and Ornamental Trees, Flowering Bulbs. Florists' Supplies, Horticultural and Garden Tools, and Fertilizers.** We would call special attention to the fact that we have a full line of **Potash Salts**, from the German Kali Works, Stassfurt Germany.

Our line of **Poultry Supplies** is the most complete in the Northwest. We would request interested parties to write for special **Catalogue of Poultry Supplies.**

Our department of **Beekeepers' Supplies** is complete, the quality of the goods is the very best, and we hope that parties who are interested will send for our **Catalogue of Beekeepers' Supplies** which is issued in the spring.

We use every precaution possible in procuring **Fresh and Pure Seeds** and shall aim to keep abreast of the market in the selection of new and tried varieties; but it will not be possible for us to hold ourselves responsible for the growth, yield or failure of the crop in any respect. Neither can we **warrant** other goods which we handle, but we will use the utmost care in procuring them also. If our goods are not accepted on these terms, they must be returned at once.

Wishing you a large degree of success and thanking you in advance for your valued orders for this season, we are,

Yours truly,

PORTLAND SEED COMPANY.

VALUABLE TABLES.

Table Showing the number of pounds in bushels, and quantity of seed required to sow an acre of ground.

	Lbs. per Bushel.	Lbs to Acre.		Lbs. per Bushel	Lbs. to Acre.
Alfalfa or Lucerne.....	60	20 to 30	Grass Mixed Lawn.....	14	100
Barley—broadcast.....	56	125 to 130	A much larger quantity of seed is required to make a close fine lawn than for other purposes.		
Beans, Dwarf or Bush, hills.....	60	40	Grass mixture.....	36	
“ “ “ drills.....	60	80	For mowing { Clover		5
Beans, Tall or Pole, hills.....	60	25	or grazing { Timothy		10
Beet, Garden—drills.....		6	{ Red Top		10
Beet, Field—drills.....		4 to 6	Hemp—broadcast.....	44	30 to 40
Broom Corn—drills.....	46	12	Melon, Musk—hills.....		2 to 2½
Buckwheat—broadcast.....	50	45	Melon, Water—hills.....		2 to 3
Cabbage in beds to cover 1 acre after transplanting.....		¼	Millet Hungarian.....	48	25 to 30
Canary.....	60	20 to 45	Millet for pasture.....	50	25 to 30
Carrots—drills.....		2 to 3	Millet, for seed.....	50	15
Cheat.....	30	75 to 85	Mustard.....		12 to 15
Clover, Alsike—broadcast.....	60	8 to 10	Oats—broadcast.....	36	80 to 90
“ Crimson “.....	60	10 to 15	Onion, Black Seed—drills.....		4 to 6
“ Espersett “.....	24	20 to 30	Onion, Black Seed, for bottom sets.....		30
“ Red “.....	60	10 to 15	Onion Sets—drills.....	24	250
“ White “.....	60	6 to 8	Parsnip—drills.....		3 to 5
Corn Broom.....	46	6 to 10	Peas—drills.....	60	75 to 100
Corn Sweet—hills.....	50	10 to 15	Peas—broadcast.....	60	100 to 150
Corn, Field, to cut green for fod- der—drills or broadcast.....	56	100 to 125	Potatoes—hills.....	60	500
Cucumber—hills.....		2	Pumpkin—hills.....		3 to 4
Flax—when wanted for seed.....	56	30	Radish—drills.....		8 to 10
Flax—when wanted for fibre.....	56	50	Rye—broadcast.....	56	90 to 100
Grass, English or Australian Rye, for meadow.....	20	30 to 50	Sage—drills.....		8
Grass, English or Australian Rye, for lawns.....	20	100 to 200	Spinach—drills.....		10
Grass Italian Rye.....	20	25 to 40	Squash, bush varieties—hills.....		4
“ Johnson.....	25	25 to 30	Squash, running varieties hills.....		3
“ Kentucky Blue for pasture.....	14	15 to 30	Sugar Cane.....		4 to 5
“ Kentucky Blue for Lawns.....	14	100	Tomato—in beds to transplant.....	⅞ to ¼	
Grass Meadow Fescue or English Blue Grass.....	20	20 to 35	Turnip and Rutabaga—drills.....	1½ to 2	
Grass, Mesquite, in the chaff.....	10	20 to 30	Turnip and Rutabaga—broadcast..		3
“ Orchard.....	14	20 to 40	Vetches—broadcast.....	70	150
“ Red Top.....	14	20 to 30	Wheat—broadcast.....	60	80 to 100
“ Tall Meadow Oat.....	10	30 to 50	Wheat—drills.....	60	70 to 80
“ Timothy.....	45	10 to 15			

FOREIGN NAMES OF VEGETABLES AND HERBS.

ENGLISH.	GERMAN.	FRENCH.	ITALIAN.
Anise.....	Anis, Grüner Anis.....	Anis.....	Aniso, Anacio.....
Artichoke.....	Artischoke.....	Artichaut.....	Articiocca.....
Asparagus.....	Spargel.....	Asperge.....	Sparagio.....
Balm.....	Citronen-Melisse.....	Melisse Citronelle.....	Melissa.....
Basil.....	Basilikum.....	Basilic grand.....	Basilico.....
Beans.....	Bohnen.....	Haricots.....	Fagioli.....
Beet.....	Rübe.....	Betterave.....	Barbabetola.....
Borage.....	Boretsch.....	Bourrache.....	Boragine.....
Brocoli.....	Spargelkohl.....	Chou Brocoli.....	Brocoli.....
Brussels Sprouts.....	Rosenkohl.....	Chou de Bruxelles.....	Cavolo di Bruxelles.....
Cabbage.....	Kopfkohl, Kraut.....	Chou pommé.....	Cavolo cappuccio.....
Cabbage Savoy.....	Wirsing.....	Chou de Milan.....	Cavolo di Milano.....
Caraway.....	Feld-Kümmel.....	Cumin des prés.....	Carvi.....
Carrot.....	Carotten, Möhren.....	Carotte.....	Carota.....
Cauliflower.....	Blumenkohl.....	Chou-fleur.....	Cavolofiore.....
Celery.....	Sellerie.....	Céleri.....	Sedano.....
Celeriac.....	Knoll Sellerie.....	Céleri rave.....	Sedano-rapa.....
Chervil.....	Kerbel.....	Cerfeuil.....	Cerfoglio.....
Chicory.....	Chicorienwurzel.....	Chicorée sauvage.....	Cicoria selvatica.....
Coriander.....	Coriander.....	Coriandre.....	Coriandorlo.....
Corn Salad.....	Feldsalat.....	Mache.....	Valeriana.....
Corn.....	Mais.....	Mais.....	Mais.....
Cress.....	Garten-Kresse.....	Cresson alenois.....	Agretto.....
Cress, Water.....	Brunnenkresse.....	Cresson de fontaine.....	Nasturzio aquatico.....
Cucumber.....	Gurken.....	Concombre.....	Cetriolo.....
Dandelion.....	Löwenzahn.....	Pissenlit.....	Dente de leone.....
Dill.....	Dill.....	Aneth.....	Aneto.....
Egg Plant.....	Eierpflanze.....	Aubergine.....	Petonciano.....
Endive.....	Endivien.....	Chicorée Endive.....	Indivia.....
Fennel.....	Fenchel.....	Fenouil.....	Finocchio.....
Garlic.....	Knoblauch.....	Ail.....	Aglio.....
Horse Radish.....	Meer Rettig.....	Raifort sauvage.....	Ra'ano.....
Hyssop.....	Isop.....	Hyssope.....	Issopo.....
Kale.....	Blatterkohl.....	Chou vert.....	Cavolo verde.....
Kohl Rabi.....	Knollkohl.....	Chou-rave.....	Cavolo rapa.....
Lavender.....	Lavendel.....	Lavende.....	Lavanda.....
Leek.....	Porree, Lauch.....	Poireau.....	Porro.....
Lettuce.....	Lattich, Kopfsalat.....	Laitue.....	Lattuga.....
Marjoram.....	Majoran.....	Marjolaine.....	Maggiorana.....
Melon.....	Melone.....	Melon.....	Popone.....
Melon, Water.....	Wasser-Melone.....	Melon d'eau.....	Melone d'acqua.....
Mushroom.....	Schwamm.....	Champignon.....	Fungo pratajolo.....
Nasturtium.....	Kapuciner Kresse.....	Capucine.....	Nasturzio.....
Okra.....	Ocher.....	Gombaud.....	Ocra.....
Onion.....	Zwiebel.....	Ognon.....	Cipollo.....
Parsley.....	Petersilie.....	Persil.....	Prezzemolo.....
Parsnip.....	Pastinake.....	Panais.....	Pastinaca.....
Peas.....	Erbsen.....	Pois.....	Pisello.....
Pepper.....	Pfeffer.....	Piment.....	Peperone.....
Pumpkin.....	Melonen-Kurbiss.....	Potiron.....	Zucca.....
Radish.....	Radies.....	Radis.....	Ravanello.....
Rhubarb.....	Rhabarber.....	Rhubarbe.....	Rabarbaro.....
Rosemary.....	Rosmarin.....	Romarin.....	Rosmarino.....
Rue.....	Raute.....	Rue.....
Saffron.....	Safran.....	Safran.....	Zafferano.....
Sage.....	Salbei.....	Sauge.....	Salvia.....
Salsify.....	Haferwurzel.....	Salsifis.....	Sassefrica.....
Sorrel.....	Sauerampfer.....	Oseille.....	Acetosa.....
Summer Savory.....	Bohnenkraut.....	Sarriette annuelle.....	Santoreggia.....
Spinach.....	Spinat.....	Epinard.....	Spinace.....
Squash.....	Kürbiss.....	Courge.....	Zucca.....
Tansy.....	Gemeiner Rainfarn.....	Tanaisie.....	Atanasia.....
Thyme.....	Thymian.....	Thym.....	Timo.....
Tomato.....	Liebesapfel.....	Pomme d'Amour.....	Pomo d'oro.....
Turnip.....	Weisse Rübe.....	Navet.....	Navone.....
Wormwood.....	Wermuth.....	Absinthe.....	Assenzio.....

Vegetable Seed Department

Tested Vegetable Seed

At prices named we pay postage on all vegetable and flower seeds ordered, by the packet, ounce or pound, excepting Peas, Beans and Corn for which if wanted by mail add 10 cents per pound for postage. In ordering vegetable or flower seed to be sent by express or freight at your expense, deduct 10c. per pound from single pound price, excepting for Peas, Beans, Corn and Onion Sets.

Special Rates on Seeds in Packets or Ounces.

This offer is by mail, postage paid by us, to any post-office in the United States.

For remittance of \$1.00 you may select seeds, in pkts. or ozs. only, valued at.....	\$1 25
For remittance of 2.00 you may select seeds, in pkts. or ozs. only, valued at.....	2 50
For remittance of 3.00 you may select seeds, in pkts. or ozs. only, valued at.....	3 75
For remittance of 4.00 you may select seeds, in pkts. or ozs. only, valued at.....	5 00
For remittance of 5.00 you may select seeds, in pkts. or ozs. only, valued at.....	6 25

This premium does not apply where any other premium is taken.

The vegetable seeds, which we herein list, have been selected with great care and have been thoroughly tested. All are first class and we think are the best varieties obtainable. We are constantly adding to our list such new and improved kinds as come to our notice, and believe that we are offering a very complete assortment, but, should any customer desire seeds not listed we will be pleased to procure them.

Asparagus.

Sow the seed early in the spring in drills, about one inch deep. In the fall or succeeding spring, the plants may be set in beds about one

foot apart each way and the crown six inches below the surface. The soil should be rich and deeply cultivated to secure a good crop.

Columbian Mammoth White. It produces pure white shoots, and requires no artificial blanching. On this account it brings in the market a much higher price than any other sort. It is a strong grower, and comes remarkably true from seed. Pkt. 5c; 1 oz. 10c; $\frac{1}{4}$ lb. 25c; 1 lb. 75c.

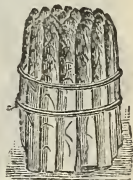


Columbian Mammoth
White.

Palmetto. About the same size as Colossal, but earlier. Shades on the bright green in color. Pkt. 5c; 1 oz. 10c; $\frac{1}{4}$ lb. 20c; 1 lb. 75c.

Conover's Colossal. Large and of rapid growth. Pkt. 5c; 1 oz. 10c; $\frac{1}{4}$ lb. 20c; 1 lb. 60c.

Barr Mammoth. Has very large tender stocks of a very light color. Pkt. 5c; 1 oz. 10c; $\frac{1}{4}$ lb. 30c; 1 lb. \$1.00.



Conover's
Colossal.

For Asparagus Roots See Garden Roots.

QUALITY

Our First Consideration

To that alone is due the success of our steadily increasing business.

OUR AIM IS TO PLEASE.

Artichoke.

Large Green Globe. The variety used as a table vegetable. The edible portion is the flower head. Sow early in drills one foot apart, and when about ten inches high transplant into rows four feet apart and two feet in the row. Mulch during dry weather. It prefers rich, deep loam and should be well manured every spring. Will produce only a small crop the first year, but continues in good bearing about five years. Pkt. 5c; 1 oz. 30c; ¼ lb. 90c.



Green Globe Artichoke.

For Artichoke Tubers see Garden Roots.

Brussels Sprouts.

One ounce of seed to 100 yards of row.



Brussels Sprouts.

Produces from the stem small heads, resembling miniature cabbages. The sprouts are used as greens, and become very tender when touched by the frost. Sow in May and manage the same as in winter cabbage.

Dwarf Improved. Producing compact sprouts of extra quality. Pkt. 5c; 1 oz. 15c; ¼ lb. 50c; 1 lb. \$1.50.

Beans.

If ordered sent by mail, add 10 cents per lb. for postage.

Six pounds of seed to 100 yards of row.

Plant about the middle of April, if the ground is warm and the season favorable. The best mode of culture is in rows two feet apart, and the beans three inches apart and two inches deep in rows. Keep well hoed and draw the earth up to their stems only when dry, as earth scattered on the leaves when wet with rain or dew will cause them to rust and injure the crop.

GREEN PODDED VARIETIES.

Extra Early Refugee. Claimed to be the earliest green-podded variety. Similar to, but two weeks earlier than the old Refugee. Pkt. 10c; 1 lb. 15c; 10 lbs. \$1.25.

Refugee or Thousand to One. The best late kind; very productive. The pods are dark green veined with purple, tender and crisp, and considered the best variety for pickling. Pkt. 10c; 1 lb. 15c; 10 lbs. \$1.25.



Extra Early Refugee.

Early Mohawk. The hardiest of the bush kinds. The pods are pale green, large and broad. The vines continue in bearing a long time and will withstand a light frost. Pkt. 10c; 1 lb. 15c; 10 lbs. \$1.25.

Early Long Yellow Six Weeks. Hardy standard variety; vine vigorous and productive. Pkt. 10c; 1 lb. 15c; 10 lbs. \$1.25.

Broad Windsor. Stalks erect, strong and shrubby. The bean is large, broad and flat. They are best green-shelled. To insure well-filled pods, pinch off the top and ends of the shoots when the pods are forming. The best of the English Dwarf Beans. Pkt. 10c; 1 lb. 15c; 10 lbs. \$1.00.

Improved Red Valentine. The earliest Valentine Bean. Productive, tender and of excellent flavor. Round-podded. Pkt. 10c; 1 lb. 15c; 10 lbs. \$1.25.

Henderson's Dwarf Lima. The earliest Lima Bean known. Bean small and of fine flavor. Pkt. 10c; 1 lb. 20c; 5 lbs. 95c.



Red Valentine.

Royal White Kidney. The bean is large, long, slightly curved, and pure white. It yields a heavy crop, and is one of the best, either green-shelled or dry. Pkt. 10c; 1 lb. 15c; 10 lbs. \$1.00.



Horticultural.

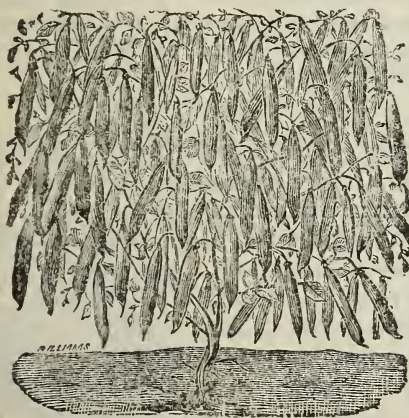
You need a good Planet Jr. Drill to plant and cultivate your Bean crop.

The No. 4 and No. 25 are the Best.

Dwarf Horticultural. A strong grower, producing a large crop. The bean is highly prized for use green-shelled, also dry-shelled. Pkt. 10c; 1 lb. 15c; 10 lbs. \$1.15.

Canadian Wonder. An immense green podded dwarf bean of the finest quality. Many of the pods measure fifteen inches in length and are very tender and of the most delicious flavor. For string beans or cooked as Limas it is equally desirable, and we are glad to be able to offer such a splendid variety to our patrons. The vines are strong and vigorous in growth. Pkt. 10c; 1 lb. 20c; 5 lbs. 90c.

Burpee's Bush Lima. A bush form of the large flat pole Lima. Pkt. 10c; 1 lb. 20c; 5 lbs. 90c.



Improved Tree Bean.

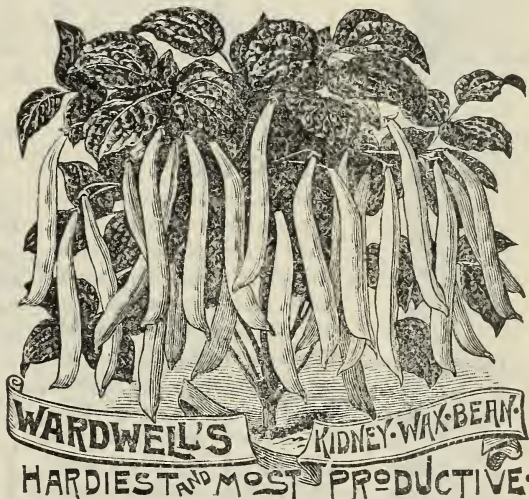
Improved Tree Bean. The most prolific field variety. Grows twenty inches high and branches out like a tree. Pkt. 10c; 1 lb. 15c; 10 lbs. 75c.

WAX VARIETIES.



Golden Wax Dwarf.

Golden Wax Dwarf. The standard wax bean. The pods are large and long and entirely stringless. As a snap bean it excels all other sorts in tenderness and richness of flavor, and has the further merit of being one of the best shell beans grown for winter use. Pkt. 10c; 1 lb. 15c; 10 lbs. \$1.25.



Wardwell's Kidney Wax. A robust, hardy variety, yielding a heavy crop of large, unusually handsome, wax-like pods. They are fleshy, tender and excellent, and are ready for the table earlier than many wax varieties. Pkt. 10c; 1 lb. 15c; 10 lbs. \$1.25.

Rust Proof, or Detroit Wax. It is not likely to rust even when exposed to very wet weather. Pod flat, good length and very broad. It is valuable for shipping, as it keeps fresh and crisp a long time. It is extra early; quality in the pod all that can be desired, and also excellent green shelled. Pkt. 10c; 1 lb. 15c; 10 lbs. \$1.25.

TRY SLUG SHOT FOR BUGS ON PLANTS.



Davis Wax.

Davis Wax. A hardy, rustless and immensely productive bush variety. The pods are long, nearly straight, white and handsome, and are carried well up off from the ground. Cooked when young, they are tender, juicy and of fine flavor. It is one of the best for market gardeners, because of its hardiness, productiveness, handsome appearance, its good shipping and selling qualities, and the small proportion of waste and second-quality pods. Canners say "it is just what we want, a long, straight, clear white pod, which does not discolor in canning." The large, white, handsome kidney-shaped dry beans are attractive. Pkt. 10c; 1 lb. 20c; 10 lbs. \$1.50.

German White Wax. A variety similar in every respect to the Black Wax, except in color, which is pure white. Pkt. 10c; 1 lb. 15c; 10 lbs. \$1.25.

Black Eyed Wax. This is an early and vigorous growing variety. Pkt. 10c; 1 lb. 15c; 10 lbs. \$1.25.

OUR SWEET PEAS

Are of the Very
Finest Strain. Do
not miss this opportunity of beautifying your garden.

Challenge
Black Wax.

Extra Challenge Black Wax. Extremely early, and may be considered the most desirable for first crop. The plants are vigorous and very productive; pods resemble those of the prolific German Wax, but a little flatter. Ripe beans jet black, medium size. Pkt. 10c; 1 lb. 15c; 10 lbs. \$1.25.

Golden Eyed Wax. This is an early and vigorous growing variety, yielding a great profusion of tender pods of a beautiful waxy appearance, the vines growing about 1½ feet high, holding the pods well off the ground. It is singularly free from blight and rust. Pkt. 10c; 1 lb. 15c; 10 lbs. \$1.30.

New Customers As this Catalogue will reach many who have never had our seeds, we would urge such to send us a TRIAL ORDER, no matter how small. Even though you may now be satisfied with seeds bought elsewhere, we believe our SPECIAL STRAINS of many of the newer varieties will be found as profitable to you as they have been to thousands of others.

WE KEEP THE BEST FERTILIZERS.

POLE OR RUNNING BEANS.

Three pounds of Seed to 100 yards of row.



Case Knife.

Early Dutch Case Knife. This is one of the earliest and most prolific varieties; it has long, flat pods with white seeds and is good green or dry. Pod green. Pkt. 10c; 1 lb. 20c; 10 lbs. \$1.80.

Large White Lima. The standard pole Lima Bean. Pkt. 10c; 1 lb. 20c; 10 lbs. \$1.80.

Indian Chief or Tall Black Wax. Remarkable for its fine, tender and succulent pods, which are produced in great abundance. Pkt. 10c; 1 lb. 20c; 10 lbs. \$1.75.

White Crease Back. A good early green-podded pole bean. Pkt. 10c; 1 lb. 20c; 10 lbs. \$1.75.

London Horticultural. Very desirable for the family garden. Vines vigorous, bearing light green pods, streaked with red. The bean is large, oval, cream colored, beautifully splashed with red, and has no superior, green shelled or dry. Pkt. 10c; 1 lb. 20c; 10 lbs. \$1.80.

Kentucky Wonder. Pods green, very long. Productive. Pkt. 10c; 1 lb. 25c; 10 lbs. \$2.00.

Asparagus. Pods long and slender, sometimes growing to one foot in length. Green in color. A good yielder and extensively used for canning. Pkt 10c; 1 lb. 30c; 10 lbs. \$2.50.

Scarlet Runner. Chiefly grown for its brilliant scarlet flowers, which are borne in long racemes from July to October. Pkt. 10c; 1 lb. 30c.

Beet.

Five ounces of seed to 100 yards of row.

The soil best suited for beet culture is that which is rather light, provided it is well enriched. Sow in drills one foot apart and one inch deep, as early as the ground can be worked in the spring, for early supply. When the plants are large enough, thin out to stand six or eight inches apart in the rows.



Early Blood Turnip. 60c.

Early Blood Turnip.

The leading turnip-shaped variety; of medium size, rapid growth, not liable to become woody; keeps well. Flesh bright red, tender and sweet. Pkt. 5c; 1 oz. 10c; $\frac{1}{4}$ lb. 20c; 1 lb.

60c.

Early Bassano. A very early flat variety, tender, juicy; flesh white and rose colored, very sweet. Pkt. 5c; 1 oz. 10c; $\frac{1}{4}$ lb. 20c; 1 lb. 50c.

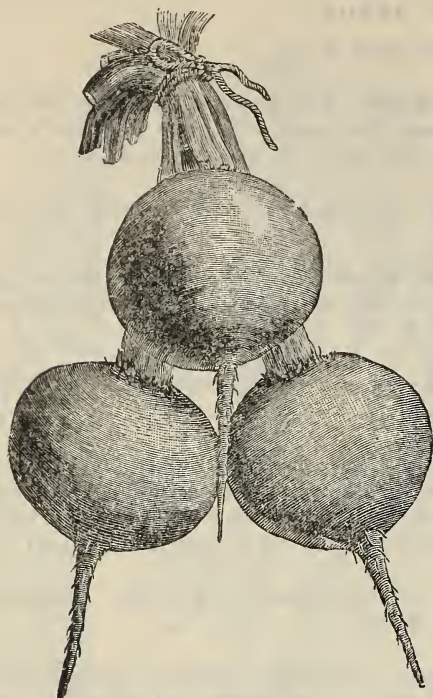
Edmand's Blood Turnip. A market gardener's strain of great regularity in shape; deep blood skin and very dark flesh of best quality. Pkt. 5c; 1 oz. 10c; $\frac{1}{4}$ lb. 20c; 1 lb. 50c.

Half Long Blood. One of the very best for winter use; does not become woody, and keeps equally as well as the Long Dark Blood. The root is as smooth and handsome and the flesh as brilliant in color. Pkt. 5c; 1 oz. 10c; $\frac{1}{4}$ lb. 20c; 1 lb. 60c.

Long Dark Blood. Excellent for winter; sweet and tender, blood red, long and smooth. Pkt. 5c; 1 oz. 10c; $\frac{1}{4}$ lb. 20c; 1 lb. 60c.

Half Long Blood.



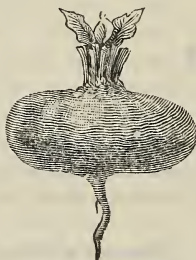


Eclipse Beet.

Early Eclipse. Smooth and round; skin and flesh intense red; fine-grained and sweet; an excellent sort for forcing. Pkt. 5c; 1 oz. 10c; $\frac{1}{4}$ lb. 20c; 1 lb. 60c.

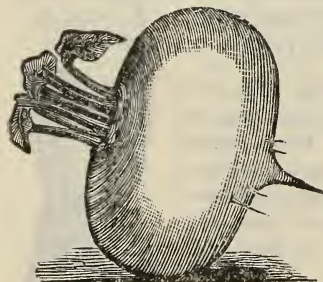
Early Egyptian.

Early, red, smooth skin, small top, good for spring and early summer use. Pkt. 5c; 1 oz. 10c; $\frac{1}{4}$ lb. 20c; 1 lb. 60c.



Early Egyptian.

Bastian. A very early, light colored turnip beet. Pkt. 5c; 1 oz. 8c; $\frac{1}{4}$ lb. 20c; 1 lb. 55c.



Bastians.

Swiss Chard, or Sea Kale Beet. Cultivated exclusively for its leaves and leaf stalk, which are prepared and served similar to asparagus, Pkt. 5c; 1 oz. 10c; $\frac{1}{4}$ lb. 20c; 1 lb. 50c.

MANGEL-WURZEL AND SUGAR BEETS.

Mammoth Long Red A very large variety, growing much above ground. One of the heaviest cropping varieties. Pkt. 5c; $\frac{1}{4}$ lb. 15c; 1 lb. 40c; 10 lbs. express to be paid by purchaser, \$2.50.

Golden Tankard.

This is undoubtedly one of the most profitable varieties to grow for stock, as it is an enormous cropper, and said to be the most nutritious Mangel in cultivation. Color, bright yellow. Pkt. 5c; 1 oz. 10c; $\frac{1}{4}$ lb. 15c; 1 lb. 40c.



Golden Tankard.

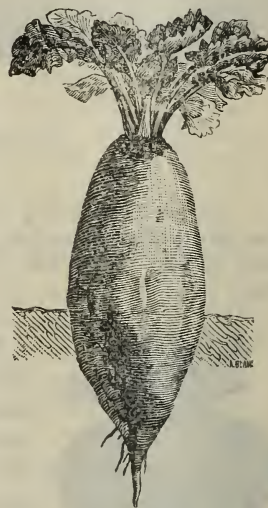
Yellow Globe. A large round, orange colored variety, excellent quality, keeps well. Pkt. 5c; $\frac{1}{4}$ lb. 15c; 1 lb. 40c;

French White Sugar. Large and excellent. The flesh is of a fine grain, tender and sweet. Superior for stock feeding, and for the table when young. Pkt. 5c; $\frac{1}{4}$ lb. 15c; 1 lb. 40c.

German Imperial White Sugar.

It gives the best results raised in sandy soil free from alkali. Good for stock. Pkt. 5c; 1 oz. 10c; $\frac{1}{4}$ lb. 20c; 1 lb. 50c.

Golden Giant Intermediate, or Leviathan. A variety of great merit for stock feeding. Skin yellow; flesh white and sweet. Pkt. 5c; $\frac{1}{4}$ lb. 15c; 1 lb. 40c.



Golden Giant Intermediate.

We are State Agents for

Lee's Lice Killer
and other Supplies.



Klein Wanzleben.

Lane's Imperial Sugar. This is an excellent variety and one of the best for stock feeding. Pkt. 5c; $\frac{1}{4}$ lb. 15c; 1 lb. 40c.

Vilmorin's Improved Sugar. Very rich in sugar and does well on new lands. Pkt. 5c; 1 oz. 10c; $\frac{1}{4}$ lb. 20c. 1 lb. 50c.

Klien Wanzleben. This is the variety which is considered the best in Germany for producing sugar, and it is now taking the lead in this country for this purpose. Our stock of seed is imported direct from one of the most careful German growers, and should be used where the best results are desired. Pkt. 5c; 1 oz. 10c; $\frac{1}{4}$ lb. 20c; 1 lb. 50c.

Brocoli.

One ounce of seed to 100 yards of row.

Produces heads in the autumn like cauliflower, but is more hardy. Sow about the middle of May; transplant in well enriched soil and manage the same as winter cabbage.

Early Purple Cape. This is the best for the North, producing compact heads of a brownish purple and of good flavor. Pkt. 5c; 1 oz. 35c; $\frac{1}{4}$ lb. \$1.15; 1 lb. \$4.00.



White Cape. Similar to the Purple Cape, except in color. Pkt. 5c; 1 oz. 35c; $\frac{1}{4}$ lb. \$1.00; 1 lb. \$3.50.



Chicory.

Large Rooted. The best known substitute for coffee. Pkt. 5c; 1 oz. 10c; $\frac{1}{4}$ lb. 20c; 1 lb. 75c.

Chervil.

Sow at any time in the spring in shallow drills, one foot apart, in well-prepared ground.

Curled. The leaves are used for flavoring soups and stews, and for garnishing, same as parsley. Pkt. 5c; 1 oz. 15c; $\frac{1}{4}$ lb. 30c.

Corn Salid, or Fetticus.

Sow during August or early in September, in drills a quarter of an inch deep and six inches apart. Just before the winter cover thinly with straw or leaves.

Large Seeded. Pkt. 5c; 1 oz. 10c; $\frac{1}{4}$ lb. 20c; 1 lb. 60c.



Corn Salad.

Collards.

Similar to Cabbage, known also as Cole or Colewort. Sow in Autumn in rows a foot apart, and treat the same as cabbage. Pkt. 5c; 1 oz. 10c; $\frac{1}{4}$ lb. 30c; 1 lb. \$1.00.

Cabbage.

We take special care to have our stock of Cabbage seed the very best, and we feel safe in recommending it as being of the very finest strain. We are sure that market gardeners who use our cabbage seed once will call for it again.



Extra Selected Early Jersey
Wakefield.

Extra Selected Early Jersey Wakefield. Special strain of fine seed from the farms of one of the oldest and most reliable Cabbage Seed Growers in the United States. Just the thing for market gardeners. The heads are of excellent quality, and of large size for so early a variety. Pkt. 5c; 1 oz. 25c; $\frac{1}{4}$ lb. 75c; 1 lb. \$2.50.

Charleston or Large Wakefield. A strain of Wakefield, in which the plant is larger and later, the head larger and not so pointed. Pkt. 5c; 1 oz. 25c; $\frac{1}{4}$ lb. 75c; 1 lb. \$2.50.

Purpee's Allhead. The earliest of all large cabbage, and larger than any other summer cabbage. Deep flat heads, solid, and uniform in shape and color. Pkt. 5c; 1 oz. 20c; $\frac{1}{4}$ lb. 60c; 1 lb. \$2.00.

Extra Early Express. Produces fair-sized heads in eighty to eighty-five days from sowing of seed. Pkt. 5c; 1 oz. 20c; $\frac{1}{4}$ lb. 60c; 1 lb. \$2.00.

Early York. Small, but very early Pkt. 5c. 1 oz. 15c; $\frac{1}{4}$ lb. 50c; 1 lb. \$1.50.

Early Flat Dutch. A medium early kind. Heads large, round, slightly flattened. Pkt. 5c; 1 oz. 20c; $\frac{1}{4}$ lb. 55c; 1 lb. \$1.60.



Henderson's
Early Summer.

German Filderkraut. Heads rather larger and more pointed than the Winnigstadt, which it resembles. It is of excellent quality, and highly esteemed for making kraut. Pkt. 5c; 1 oz. 20c; $\frac{1}{4}$ lb. 60c; 1 lb. \$1.75.

Henderson's Early Summer. About ten days later than the Jersey Wakefield. The head is round and the largest of the early kinds. Pkt. 5c; 1 oz. 20c; $\frac{1}{4}$ lb. 60c; 1 lb. \$2.00.

Succession or All Seasons. Medium early; heads large, round, slightly flattened; grows low on the stem and resembles the Early Summer. Pkt. 5c; 1 oz. 20c; $\frac{1}{4}$ lb. 60c; 1 lb. \$1.75.

Fottler's Improved Brunswick. This is without exception the best Early Drumhead variety in the market and is used by the market gardeners to succeed the earliest varieties; also for a late crop. Pkt. 5c; 1 oz. 20c; $\frac{1}{4}$ lb. 60c; 1 lb. \$1.75.

Henderson's Autumn King. Enormous solid heads dark green in color, few outer leaves, which allows an unusually large crop to be grown per acre. Pkt. 5c; 1 oz. 25c; $\frac{1}{4}$ lb. 75c; 1 lb. \$2.00.



Winnigstadt.

Winnigstadt. A fine, tender cabbage, excellent for summer; will do well for fall or winter, if sown late. The best variety to sow in the late summer for growing plants to winter over in the cold frame. Pkt. 5c; 1 oz. 15c; $\frac{1}{4}$ lb. 50c; 1 lb. \$1.50.

Surehead. Large, round, tender and rich, with very few outer leaves, being nearly all solid. Stands a drought better than any other cabbage. Pkt. 5c; 1 oz. 20c; $\frac{1}{4}$ lb. 60c; 1 lb. \$1.75.

Premium Drumhead.

Extra Stock. A large and very popular variety for winter. Pkt. 5c; 1 oz. 20c; $\frac{1}{4}$ lb. 60c; 1 lb. \$1.60.



Premium Drumhead.

Danish Ball Head. Very round, solid, winter sort from Denmark. Pkt. 5c; 1 oz. 25c; $\frac{1}{4}$ lb. 75c; 1 lb. \$2.40.



Premium Flat Dutch.

Premium Flat Dutch. Special Strain. The standard late variety. Produces large round heads. Flattened on top. Heads sure to form. Keeps well and is of excellent flavor, tender and sweet. Our seed is the very best strain. Pkt. 5c; 1 oz. 20c; $\frac{1}{4}$ lb. 60c; 1 lb. \$1.65.

Netted Savoy. This is the finest of the Savoy Cabbages, and a general favorite wherever it is known; of excellent flavor. Pkt. 5c; 1 oz. 20c; $\frac{1}{4}$ lb. 60c; 1 lb. \$1.75.

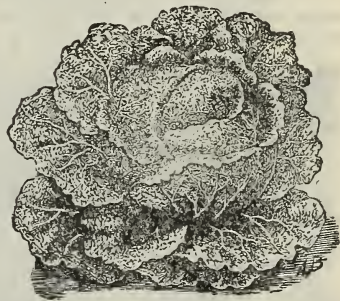
Drumhead Savoy. Forms a large and compact head very tender and excellent in winter; delicious, rich flavor. Pkt. 5c; 1 oz. 20c; $\frac{1}{4}$ lb. 60c; 1 lb. \$1.75.

Vandergaw. A sure heading, quick growing Flat Dutch sort. Pkt. 5c; 1 oz. 20c; $\frac{1}{4}$ lb. 65c; 1 lb. \$2.00.

Stone Mason Marblehead. A large drumhead variety; sure to head, fine grained, tender, remarkably sweet and delicious. It is very hardy, enduring severe frost and easily kept all winter. Pkt. 5c; 1 oz. 20c; $\frac{1}{4}$ lb. 60c; 1 lb. \$1.75.

Red Dutch. Used for pickling. Pkt. 5c; 1 oz. 20c; $\frac{1}{4}$ lb. 60c; 1 lb. \$1.75.

Mammoth Rock Red. True. This is the best, largest and most reliable heading red cabbage. The head is large, round solid, and of a deep red color. Pkt. 5c; 1 oz. 20c; $\frac{1}{4}$ lb. 65c; 1 lb. \$2.00.



Drumhead Savoy.

Cauliflower.

One-half ounce of seed will produce 1000 plants.

Sow for early about the middle of September or October, in a bed of clean rich earth. Transplant into frames and cover with sashes and shutters during severe weather. If hardened off by exposure, they are seldom injured by planting out as early as the ground can be properly prepared, into a bed of the richest earth, two and a half feet apart each way.



Extra Early Snowball.

Extra Early Dwarf Erfurt. Extra Selected. Remarkable for reliability in heading. Scarcely a plant fails to produce a good head. Very dwarf, with solid, pure white heads of superior quality. One of the earliest. Pkt. 10c; $\frac{1}{4}$ oz. 65c; 1 oz. \$2.00; 2 oz. \$3.75; $\frac{1}{4}$ lb. \$6.00.

Early Erfurt. Ordinary Strain. Pkt. 5c; 1 oz. \$1.25; $\frac{1}{4}$ lb. \$3.50.

Extra Early Snowball. Extra Selected. The earliest and handsomest of all cauliflowers. This is unquestionably the best type of cauliflower yet produced. It excels all others in earliness. Owing to the short outer leaves, it can be planted as close as eighteen inches apart. It is equally good for late planting. Pkt. 10c; $\frac{1}{4}$ oz. 65c; 1 oz. \$2.00; 2 oz. \$3.75; $\frac{1}{4}$ lb. \$6.00.

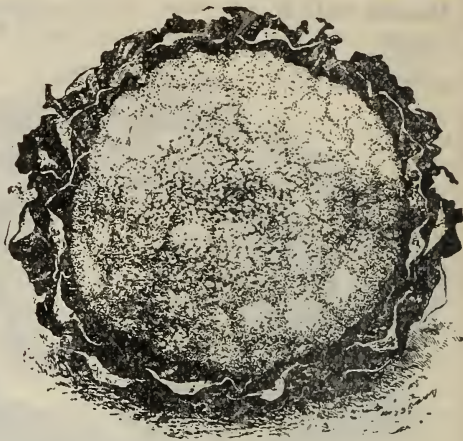
Early Snowball. *Ordinary Strain.* Pkt. 5c; 1 oz. \$1.25; $\frac{1}{4}$ lb. \$3.50.

Early Paris. One of the popular white sure heading varieties. Pkt. 5c; 1 oz. 60c; 2 oz. \$1.00; $\frac{1}{4}$ lb. \$1.85.

Large Late Algiers. A fine variety and one of the best for late use; the heads remain firm and solid for a long time. The best late Cauliflower for this section. Pkt. 5c; 1 oz. 75c; 2 ozs. \$1.35; $\frac{1}{4}$ lb. \$2.50.

Veitch's Autumn Giant. Vigorous in growth and very large. Pkt. 5c; 1 oz. 65c; 2 ozs. \$1.20; $\frac{1}{4}$ lb. \$1.75; 1 lb. \$6.50.

For Cauliflower plants see Vegetable plants.

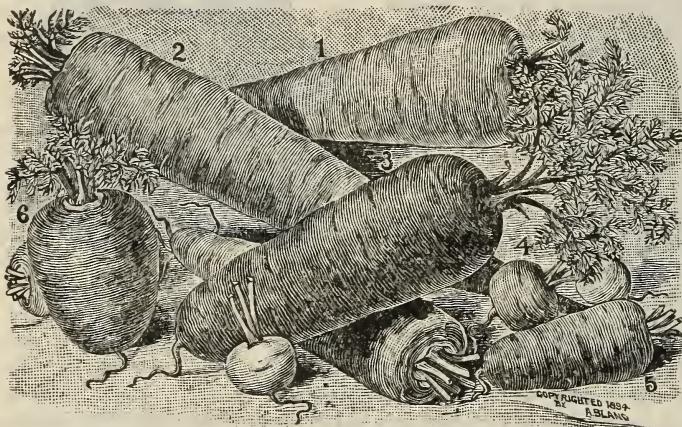


Large Late Algiers.

Carrot.

Three to four pounds of seed to the acre.

This vegetable succeeds best in rich sandy loam. For early crop sow in the spring. For late crops, sow until the middle of June. Sow in drills one inch deep and eighteen inches apart, thinning out to three or four inches.



French Forcing. The best forcing variety. Red, small and round. Pkt. 5c; 1 oz. 10c; $\frac{1}{4}$ lb. 30c; 1 lb. \$1.00.

Early Scarlet Short Horn. Fine grain and flavor. Pkt. 5c; 1 oz. 10c; $\frac{1}{4}$ lb. 25c; 1 lb. 75c.

Ox-Heart or Half-Long Guerande. This carrot is one of the most valuable, either for family use or market. It is of extra quality and very productive. Pkt. 5c; 1 oz. 10c; $\frac{1}{4}$ lb. 25c; 1 lb. 75c.

Half-Long Scarlet Stump Rooted. A little later than the Horn varieties, but equal to them in grain and quality. Pkt. 5c; 1 oz. 10c; $\frac{1}{4}$ lb. 20c; 1 lb. 70c.

No. 1.—Danver's Half-Long. No. 2.—Long Orange. No. 3.—Scarlet Stump Rooted. No. 4.—French Forcing. No. 5.—Scarlet Stump Rooted. No. 6.—Ox-Heart.

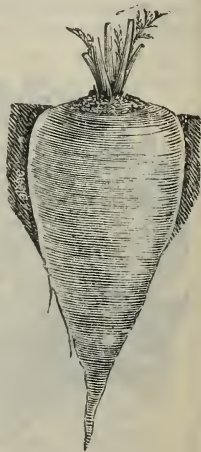
Danver's Half-Long Orange. The best variety for general crop. It is of rich orange color and heavy yielder. A splendid keeper. Valuable for table use as well as for stock. Pkt. 5c; 1 oz. 10c; $\frac{1}{4}$ lb. 25c; 1 lb. 70c.

Chautenay. A stump-rooted variety having an unusually broad shoulder. One of the very best carrots for either private use or market garden. Pkt. 5c; 1 oz. 10c; $\frac{1}{4}$ lb. 25c; 1 lb. 70c.

Improved Long Orange. The long red carrot is an old stand-by for winter use. Pkt. 5c; 1 oz. 10c; $\frac{1}{4}$ lb. 20c; 1 lb. 60c.

Short White. A half-long, smooth variety, very heavy at the shoulder and tapering regularly to the point. Flesh white, solid and crisp. A heavy cropper; profitable to grow for stock. Pkt. 5c; 1 oz. 10c; $\frac{1}{4}$ lb. 20c; 1 lb. 50c.

Large White Belgian. Roots very large and smooth; grown exclusively for stock-feeding. Pkt. 5c; 1 oz. 10c; $\frac{1}{4}$ lb. 20c; 1 lb. 50c; 5 lbs. purchaser to pay express charges, \$2.00.



Short White.

Celery.

Three ounces of seed to 100 yards of row.

When two or three inches high, transplant to furrows; when eight to ten inches high, fill up the furrows, continuing at intervals to hill up until fully matured and blanched, taking care not to get earth between the stalks.



Kalamazoo

Perfection Heartwell

Giant Pascal

Golden Self Bleaching

Golden Hearted

White Plume. Does not require banking—the stalk and the white inner leaves and heart are naturally white. Pkt. 5c; 1 oz. 20c; $\frac{1}{4}$ lb. 60c; 1 lb. \$1.75.

Pink Plume. The same as White Plume, except that the stalks are tinged with pink. Pkt. 5c; 1 oz. 20c; $\frac{1}{4}$ lb. 50c; 1 lb. \$1.75.

Golden Hearted. A variety of great value, splendid keeper, remarkable for its fine quality. Pkt. 5c; 1 oz. 20c; $\frac{1}{4}$ lb. 50c; 1 lb. \$1.50.

Giant Pascal. Large, rapid and vigorous grower, stalks easily blanched. Firm, crisp and tender; and of a beautiful golden tint. Pkt. 5c; 1 oz. 20c; $\frac{1}{4}$ lb. 50c; 1 lb. \$1.50.

Kalamazoo. One of the best varieties. Half dwarf. Pkt. 5c; 1 oz. 20c; $\frac{1}{4}$ lb. 60c; 1 lb. \$2.00.

Giant White Solid. One of the largest. A strong vigorous grower; crisp, tender and of good flavor. Pkt. 5c; 1 oz. 15c; $\frac{1}{4}$ lb. 40c; 1 lb. \$1.25.

Boston Market. A cluster of small stalks. Very fine flavor. Pkt. 5c; 1 oz. 15c; $\frac{1}{4}$ lb. 40c; 1 lb. \$1.25.

Perfection Heartwell. The finest and largest of the winter varieties, either for the family or the market garden; of superior quality; heart, golden yellow. Pkt. 5c; 1 oz. 20; $\frac{1}{4}$ lb. 50c; 1 lb. \$1.50.

Golden Self-Blanching. Close, compact, handsome; heart, beautiful golden yellow; ribs perfectly solid, crisp and well-flavored; excellent keeper. Pkt. 5c; 1 oz. 25c; $\frac{1}{4}$ lb. 90c; 1 lb. \$2.50.



Celeriac.

Celeriac Turnip Rooted. Roots resemble turnips. This vegetable is esteemed in Europe for a salad. Pkt. 5c; 1 oz. 15c; $\frac{1}{4}$ lb. 40c.

For Celery Plants. See Vegetable Plants.

Corn.

It ordered sent by mail, add 10 cents per pound for postage.

Two pounds of seed to 200 hills.

SUGAR OR SWEET,

The Sweet or Sugar varieties, being liable to rot in wet or cold ground, should not be planted until the ground has become warm.

Early Cory. The earliest sweet corn; the ears are much larger than any of the other early varieties; quality very fine. Pkt. 10c; 1 lb. 15c; 10 lbs. \$1.25.

Mammoth White Cory. Very Large and as early as the earliest. 12-rowed, white cobbed. Pkt. 10c; 1 lb. 15c; 10 lbs. \$1.25.



Early
Minnesota.

White Cob Cory. Similar to Early Cory, but has white cobs. Pkt. 10c; 1 lb. 15c; 10 lbs. \$1.25.

Early Minnesota. One of the earliest kinds of Sweet Corn. The ears are of the best quality. Pkt. 10c; 1 lb. 15c; 10 lbs. \$1.25.

Crosby's Early. Early, and a great favorite. Pkt. 10c; 1 lb. 15c; 10 lbs. \$1.25.

Perry's Hybrid. Stalk of medium height. The ears are large and grow long on the stalk. Pkt. 10c; 1 lb. 15c; 10 lbs. \$1.00.

Mammoth Sweet. Produces the largest ears of any variety. Pkt. 10c; 1 lb. 15c; 10 lbs. \$1.25.

Country Gentleman. This is one of the newer varieties. The ears are from eight to nine inches long and from three to four of them are borne on a stalk. The plant is six feet high and medium early. Pkt. 10c; 1 lb. 15c; 10 lbs. \$1.10.

Early Adam's or Burlington. Not a sweet corn but white and tender, and extensively used for the table. 1 lb. 15c; 10 lbs. \$1.25.

Black Mexican.—One of the sweetest and most desirable for family

use. The corn, when in condition for the table, cooks remarkably white and is very tender. Pkt. 10c; 1 lb. 15c; 10 lbs. \$1.25.

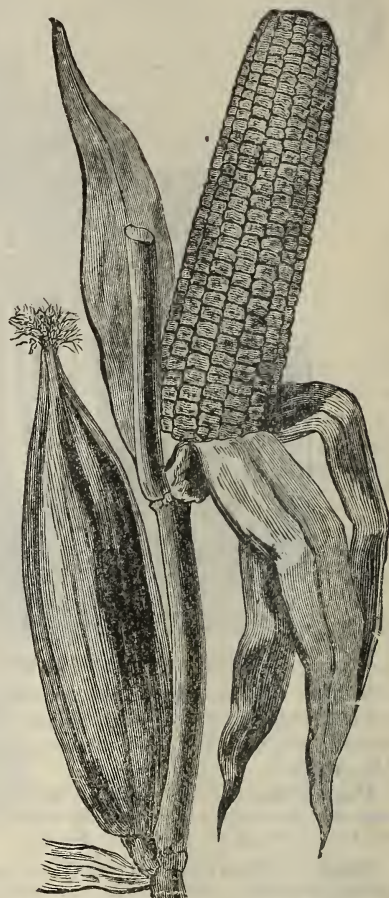
Stowell's Evergreen. Remarkable for remaining a long time in a fresh condition, suitable for the table. Hardy and productive, and the best late variety for general use. Pkt. 10c; 1 lb. 15c; 10 lbs. \$1.00.

FIELD VARIETIES.

King Philip. A very early variety for field corn. Ears ten to twelve inches long, eight-rowed, large reddish kernels. 1 lb. 10c; 10 lbs. 85c.

Pride of the North. A very early Dent variety. Ears short, twelve to sixteen-rowed, well filled. Grain long, yellow, making an extra quality of meal. 1 lb. 10c; 10 lbs. 80c.

Early Canada (Flint). Also known as the Yellow Flint. A rapid growing early yellow kind. 1 lb. 10c; 10 lbs. 80c.



Stowell's Evergreen.



Pride of the North.

Early White Flint. Productive, early, and of beautiful appearance. 1 lb. 10c; 10 lbs. 80c;

Leaming (early). An early selected variety of Yellow Corn, small grain, weighty, productive. 1 lb. 10c; 10 lbs. 75c;

Cucumber.

One ounce of seed to 75 hills.

Cucumbers succeed best in warm, rich, loamy soil. As soon as the weather becomes warm and settled plant in hills four to six feet apart each way.

Cool and Crisp. One of the newer varieties. The fruit is long, dark green, with white spines. The flesh is crisp and tender. Pkt. 5c; 1 oz. 10c; ¼ lb. 20c; 1 lb. 55c.



Peerless White Spine.

Early Russian. The earliest and hardiest productive variety. Pkt. 5c; 1 oz. 10c; ¼ lb. 20c; 1 lb. 65c.

Early Frame or Short Green. A good old popular variety, of medium size. Pkt. 5c; 1 oz. 10c; ¼ lb. 20c; 1 lb. 50c.

Chicago, or Westerfield Pickling. Fruit of medium length, pointed at both ends, with large and prominent spines. Color deep green. Pkt. 5c; 1 oz. 10c; ¼ lb. 20c, 1 lb. 60c.

Small Gherkin or Burr. Also known as the West India, or Jerusalem Pickle; used for pickling while young and tender. Pkt. 5c; 1 oz. 10c; ¼ lb. 30c.

Peerless White Spine. Even in shape at both ends and uniform in size and color. In demand for pickling; also a fine market and table sort. Pkt. 5c; 1 oz. 10c; ¼ lb. 20c; 1 lb. 55c.

Early Cluster. A productive early kind. The fruit which is not large is borne in clusters, and is crisp and of good flavor. Pkt. 5c; 1 oz. 10c; ¼ lb. 20c; 1 lb. 55c.



Early Frame



Boston Pickling

Boston Pickling. The best short pickling variety, of fine form and flavor; enormously productive. Largely used by the pickle factories in this section. Pkt. 5c; 1 oz. 10c; ¼ lb. 20c; 1 lb. 50c.

Improved Long Green. The leading long green variety for pickling; of excellent quality and productiveness; fruit dark green, firm and crisp; one of the best for slicing green. Pkt. 5c; 1 oz. 10c; ¼ lb. 20c; 1 lb. 55c.

Japanese Climbing.

The vines are healthy and vigorous and their strong tendrils enable them to climb poles or fences. Quality excellent either for pickling or slicing. Pkt. 5c; 1 oz. 15c; ¼ lb. 35c.



Long Green.

Cress or Pepper Grass.



Curled Cress.

Curled. The best variety. Upland. Pkt. 5c; 1 oz. 10c; ¼ lb. 20c; 1 lb. 50c.

Water. Should be sown near the edge of running streams. It has a very pleasant and agreeable taste. Perennial aquatic plant. Pkt. 5c; 1 oz. 30c.

Endive.

This is a hardy vegetable, cultivated principally for a winter salad. Sow from May until August for a succession of crops, tie the leaves closely together to blanch them.

Green Curled. Standard sort for fall and winter. Pkt. 5c; 1 oz. 15c; $\frac{1}{4}$ lb. 35c; 1 lb. \$1.35.

White Curled.
For early use. Pkt. 5c; 1 oz. 15c; $\frac{1}{4}$ lb. 40c; 1 lb. \$1.40.

Broad Leaved Batavian. (*Escarolle.*) Has broad thick leaves which form a large, loose head. Pkt. 5c; 1 oz. 15c; $\frac{1}{4}$ lb. 35c; 1 lb. \$1.35.



Endive.

Egg Plant.

Should be started in a hot-bed and transplanted when the weather is settled and the ground thoroughly warm. They will thrive with the same treatment as that given the tomato.

Early Long Purple. Productive and of good quality. Pkt. 5c; 1 oz. 20c; $\frac{1}{4}$ lb. 60c; 1 lb. \$2.00.



New York Improved, Large Purple. The leading market variety. Large, round, dark, excellent, and the most productive. Pkt. 5c; 1 oz. 40c; $\frac{1}{4}$ lb. \$1.25.

Black Pekin.—Oval round, of medium size, very dark, glossy and handsome. Pkt. 5c; 1 oz. 30c; $\frac{1}{4}$ lb. \$1.00.

Leek.

The Leek belongs to the onion family. Prized for soups. Cultivation similar to that of onions, but hill up about the neck to blanch it.

Large Rouen, or American Flag. A favorite large American market sort. Pkt. 5c; 1 oz. 15c; $\frac{1}{4}$ lb. 40c; 1 lb. \$1.25.

Monstrous Carenton. Rather larger than the Flag, but very tender and mild on account of its rapid growth.

Pkt. 5c; 1 oz. 20c; $\frac{1}{4}$ lb. 50c; 1 lb. \$1.50.



Large Rouen Leek.

Kale or Borecole.

While this vegetable may be grown in almost any soil, yet the richer the soil the larger the crop. Not desirable until touched by frost. Cultivate the same as cabbage.



Dwarf Curled Kale.

Dwarf Green Curled Scotch. Very dwarf and spreading. Best strain. Pkt. 5c; 1 oz. 10c; $\frac{1}{4}$ lb. 30c; 1 lb. \$1.00.

Tall Scotch Curled. Bright green, spreading and beautifully curled. Pkt. 5c; 1 oz. 10c; $\frac{1}{4}$ lb. 30c; 1 lb. \$1.00.

Siberian. (German Greens.) A variety extensively grown for winter greens. It is uniformly dwarf, green curled. Pkt. 5c; 1 oz. 10c; $\frac{1}{4}$ lb. 30c; 1 lb. \$1.00.



Tall Scotch.

Kohl Rabi.

A vegetable intermediate between the cabbage and turnip. Sow in spring in rows of twenty-four inches apart, afterwards thinning the plants to eight or ten inches. When the thickened stem above ground is two or three inches through, they are fit to eat and should be used at once, being tough when old. They are cooked the same as turnips.

Early White Veinna. Handsome and delicate white bulb. Pkt. 5c; 1 oz. 15c; $\frac{1}{4}$ lb. 50c.

Early Purple Veinna. Purple ball. A good kind. Pkt. 5c; 1 oz. 15c; $\frac{1}{4}$ lb. 60c.



Kohl Rabi.

Lettuce.

Two ounces of seed to 100 yards of row.

Lettuce thrives best in good, rich, moist ground, and is a universal favorite, is almost free from insects and disease, which makes it of easy culture to every one. For successive crops, sowings may be made in open ground as early as the spring opens and continued until July.



Hansen's Head.

Hansen's Head. The leading curled heading variety, of large size, sweet, tender and crisp, even to the outer leaves. Free from any bitter taste, either for summer or forcing. Pkt. 5c; 1 oz. 15c; $\frac{1}{4}$ lb. 35c; 1 lb. \$1.00.

Simpson's Early Curled. A leading early market variety. Forms a dense mass of finely-curled and wrinkled leaves that are excellent and tender and do not wilt readily. Pkt. 5c; 1 oz. 15c; $\frac{1}{4}$ lb. 35c; 1 lb. \$1.00.



Simpson's.

Simpson's Black Seeded. A variety of the Curled Simpson, but growing much larger and of excellent quality. One of the best for forcing. Pkt. 5c; 1 oz. 15c; $\frac{1}{4}$ lb. 35c; 1 lb. \$1.00.

Early Prize Head. Heads of mammoth size. Remains tender and crisp throughout the season. Very hardy. Pkt. 5c; 1 oz. 15c; $\frac{1}{4}$ lb. 35c; 1 lb. \$1.00.

All Season's. A magnificent new variety, forming solid heads of enormous size, almost as large as a Flat Dutch Cabbage, very tender. It is slow to seed, and is one of the very best all-head sorts ever introduced. Exceedingly profitable for market gardeners. Pkt. 5c; 1 oz. 15c; $\frac{1}{4}$ lb. 35c; 1 lb. \$1.00.

Philadelphia Butter. Fine for forcing; solid. Pkt. 5c; 1 oz. 15c; $\frac{1}{4}$ lb. 35c; 1 lb. \$1.00.



Tennis Ball.

Early Tennis Ball, Black Seeded. Well-formed heads, hardy and crisp, of excellent quality. One of the earliest of the heading varieties. Pkt. 5c; 1 oz. 15c; $\frac{1}{4}$ lb. 35c; 1 lb. \$1.00.

Yellow-Seeded Butter. Dense yellow heads; crisp and tender. Pkt. 5c; 1 oz. 15c; $\frac{1}{4}$ lb. 35c; 1 lb. \$1.00.

Tilton's White Star. Forms a large, loose head of excellent quality which blanches well. The leaves are broader, thicker and darker than the Black Seeded Simpson, and it grows larger and more rapidly. Pkt. 5c; 1 oz. 15c; $\frac{1}{4}$ lb. 40c; 1 lb. \$1.25.

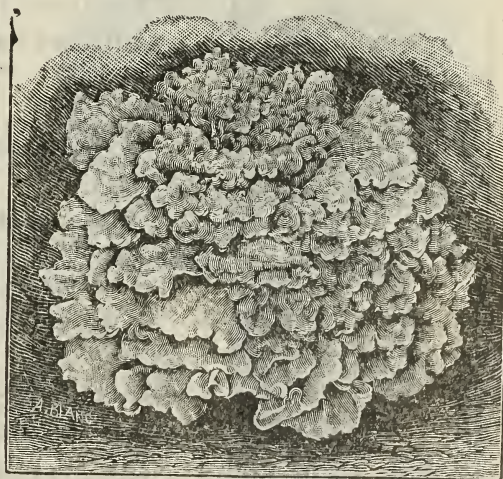
Denver Market. The special characteristic of this sort is that it has a beautiful, curled, Savoy-like leaf which gives it a very attractive appearance. Pkt. 5c; 1 oz. 15c; $\frac{1}{4}$ lb. 35c; 1 lb. \$1.00.

White Paris Cos. A distinct variety, forming oblong, upright heads, largest near the top. It is hardy, tender and crisp, and does not run to seed quickly as some other Cos varieties. Pkt. 5c; 1 oz. 15c; $\frac{1}{4}$ lb. 35c; 1 lb. \$1.00.



Paris White Cos.

Brown Dutch. Forms a large, solid head, sweet, tender and of good flavor. Outer leaves tinged with brown. Very hardy. Pkt. 5c; 1 oz. 15c; $\frac{1}{4}$ lb. 30c; 1 lb. \$1.00.



Grand Rapids.

Grand Rapids Forcing. Large tender heads; more extensively used for early forcing than any other variety. Pkt. 5c; 1 oz. 15c; $\frac{1}{4}$ lb. 35c; 1 lb. \$1.00.

Melon—Musk.

One ounce of seed to 75 hills.

Melons thrive the best in a light, enriched soil. Plant early when danger of frost is past and the ground has become warm and dry, in hills six feet apart each way. Be careful not to plant pumpkin or squashes near them as they will hybridize.

GREEN FLESHED.

Jenny Lind. Small, but very early and of good quality. Pkt. 5c; 1 oz. 10c; $\frac{1}{4}$ lb. 20c; 1 lb. 60c.

Rocky Ford. Grown largely in Colorado and shipped in car load lots all over the country. Nutmeg shape, small to medium in size, pale green and finely netted. Pkt. 5c; 1 oz. 10c; $\frac{1}{4}$ lb. 25c; 1 lb. 65c.

Early Baltimore, or Acme. A good sized, oval round, very desirable variety. The flesh is thick, highly flavored and sweet. Pkt. 5c; 1 oz. 10c; $\frac{1}{4}$ lb. 20c; 1 lb. 60c.

Cosmopolitan. A new variety. Firm, sweet and uniformly high-flavored. Pkt. 5c; 1 oz. 10c; $\frac{1}{4}$ lb. 25c; 1 lb. 75c.

Small Green Nutmeg. From the uniformity in size, it is a very profitable variety for field culture for the market; shaped round, medium size, flattened at each end, heavily netted. Pkt. 5c; 1 oz. 10c; $\frac{1}{4}$ lb. 20c; 1 lb. 60c.

Extra Early Hackensack. One of the most popular varieties of Muskmelon grown by market gardeners. It attains a large size, is round in shape, and flattened at the ends. Is of a most delicious flavor and wonderfully productive. Pkt. 5c; 1 oz. 10c; $\frac{1}{4}$ lb. 20c; 1 lb. 60c.

Montreal Nutmeg. Grows to an immense size, flattened at both ends, very thick flesh and rich in flavor. Pkt. 5c; 1 oz. 10c; $\frac{1}{4}$ lb. 20c; 1 lb. 60c.

Skillman's Netted. Very early and of small size; flesh light green, very thick and sweet. Pkt. 5c; 1 oz. 10c; $\frac{1}{4}$ lb. 20c; 1 lb. 60c.

Casaba. Of extraordinary size and delicious flavor, usual weight from twelve to fifteen pounds. Late, oval and netted. Pkt. 5c; 1 oz. 10c; $\frac{1}{4}$ lb. 20c; 1 lb. 60c.

YELLOW FLESHED.

Osage, or Miller's Cream. The finest-flavored melon in cultivation, and the best melon grown for the market gardener, for the trucker, for the farmer, for the small planter. Without question, the sweetest of all melons. The flesh is of a rich salmon color, very sweet and melting in quality. Pkt. 5c; 1 oz. 10c; $\frac{1}{4}$ lb. 20c; 1 lb. 60c.

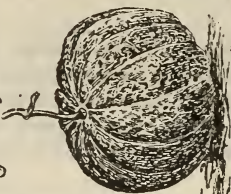
Orange, Christiana. Very large, green skin; yellow flesh, delicious flavor, and is an excellent melon. Pkt. 5c; 1 oz. 10c; $\frac{1}{4}$ lb. 20c; 1 lb. 60c.

Large Yellow Canteloupe. An oval variety, good sized; skin yellow, marbled with green; flesh salmon colored, sweet, highly perfumed and of good flavor; early and productive. Pkt. 5c; 1 oz. 10c; $\frac{1}{4}$ lb. 20c; 1 lb. 60c.

Emerald Gem. Fruit medium sized, slightly flattened at the ends. Flesh deep salmon, yellow, highly flavored. One of the leading varieties. Pkt. 5c; 1 oz. 10c; $\frac{1}{4}$ lb. 25c; 1 lb. 75c.

Paul Rose. This new musk melon is a cross between the two well-known favorites Osage and Netted Gem, combining the rich sweetness of the former with the fine netting of the Gem. The flesh is salmon in color with a fine close grain. The rind though thin is very firm which with its peculiar structure of flesh makes it one of the best shipping and keeping melons on the market. Pkt. 5c; 1 oz. 10c; $\frac{1}{4}$ lb. 25c; 1 lb. 85c.

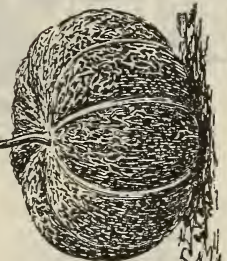
Jenny Lind.



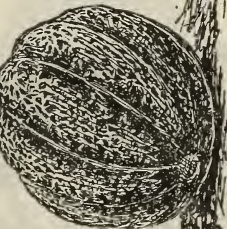
Casaba



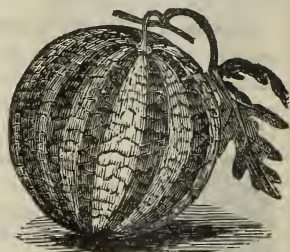
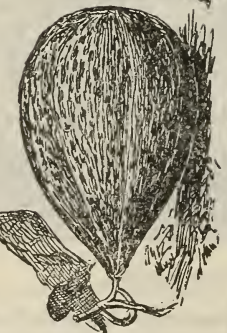
Small Green Nutmeg.



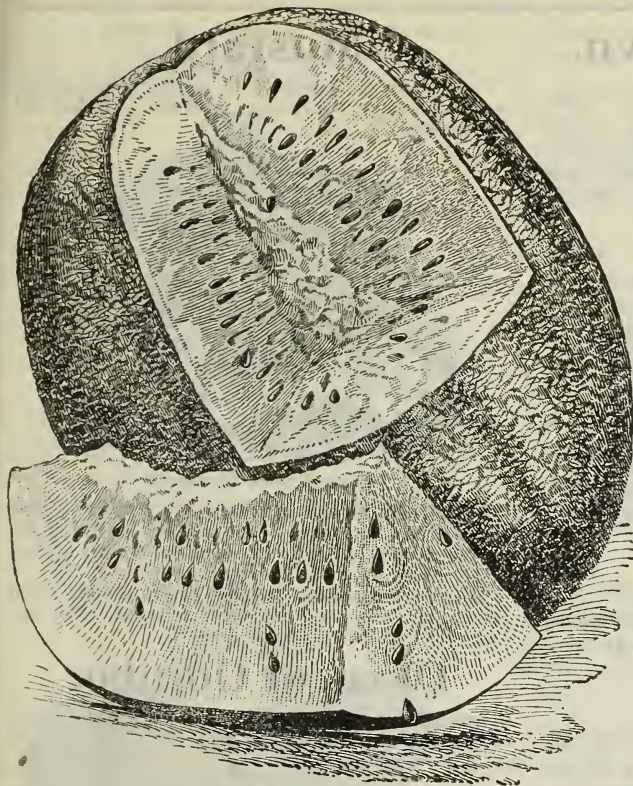
Osage.



Baltimore.



Montreal Nutmeg.



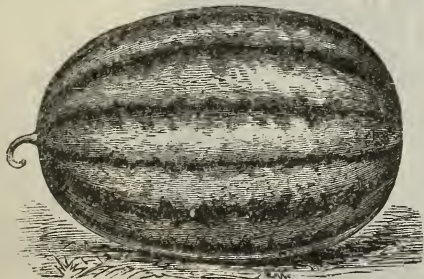
Sweet Heart.

Sweet Heart. Early, large, bright skin. Flesh bright red, firm, solid, but very tender, melting and sweet. A long keeper and splendid shipper. Pkt. 5c; 1 oz. 10c; $\frac{1}{4}$ lb. 20c; 1 lb. 60c.

Ice Cream, or Peerless. Skin light mottled green; flesh bright scarlet, solid, crisp, melting and exceedingly sweet. Pkt. 5c; 1 oz. 10c; $\frac{1}{4}$ lb. 20c; 1 lb. 50c.

Dark Icing. A distinct variety, resembling in size and shape the Ice Cream or Peerless. Pkt. 5c; 1 oz. 10c; $\frac{1}{4}$ lb. 20c; 1 lb. 50c.

Light Icing, or Jordan's Gray Monarch. Very large. Considered by many the best melon grown. Pkt. 5c; 1 oz. 10c; $\frac{1}{4}$ lb. 20c; 1 lb. 50c.



Cuban Queen.

Cuban Queen. The flesh is dark red and of excellent flavor. One of the largest varieties grown. Pkt. 5c; 1 oz. 10c; $\frac{1}{4}$ lb. 20c; 1 lb. 50c.

Melon==Water.

One ounce of seed to 30 hills.

Hungarian Honey. A very early sort from Hungary. Fine for northern latitudes. Pkt. 5c; 1 oz. 10c; $\frac{1}{4}$ lb. 25c; 1 lb. 75c.

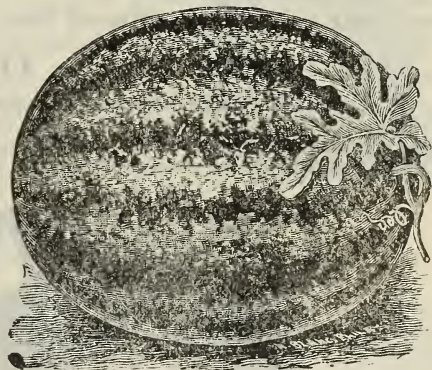
Georgia Rattlesnake. One of the largest varieties, and stands shipment long distances. Fruit smooth, distinctly striped and mottled light and dark green. Flesh bright scarlet and very sweet. Pkt. 5c; 1 oz. 10c; $\frac{1}{4}$ lb. 20c; 1 lb. 50c.

Mountain Sweet. Thin rind; flesh red, solid, rich and sweet. Pkt. 5c; 1 oz. 10c; $\frac{1}{4}$ lb. 20c; 1 lb. 50c.

Phinney's Early. Very early, keeps well; sweet, tender and well flavored. Pkt. 5c; 1 oz. 10c; $\frac{1}{4}$ lb. 15c; 1 lb. 45c.

Black Spanish. Large, round, very dark green skin; flesh red, sweet and delicious. Pkt. 5c; 1 oz. 10c; $\frac{1}{4}$ lb. 20c; 1 lb. 50c.

Kentucky Wonder. Oblong in shape, beautiful scarlet, crisp and not tough, rich and sugary flavor. Pkt. 5c; 1 oz. 10c; $\frac{1}{4}$ lb. 20c; 1 lb. 50c.



Cole's Early.

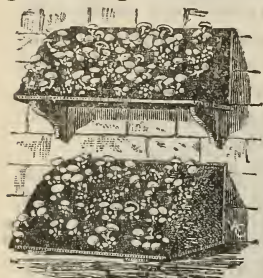
Cole's Early. The finest early; medium size, round and striped skin. It matures in every State; very hardy; flesh of deep red, sweet and delicate in flavor. Pkt. 5c; 1 oz. 10c; $\frac{1}{4}$ lb. 25c, 1 lb. 75c.

Kolb's Gem. Uniformly round and grows to a good size, often attaining a weight of 25 to 40 lbs; flesh bright red and flavor excellent. It is unsurpassed as a shipping melon. Pkt. 5c; 1 oz. 10c; $\frac{1}{4}$ lb. 20c; 1 lb. 50c.

Citron Red-Seeded. For preserving. Pkt. 5c; 1 oz. 10c; $\frac{1}{4}$ lb. 20c; 1 lb. 60c.

Mushroom Spawn.

With intelligent care and good spawn, Mushrooms may be made to pay handsomely. They can be successfully grown in a dry cellar, under the benches of a green house, or in sheds, where the temperature can be kept from 50 to 60 degrees through the winter.



Mushrooms.

French. Mushrooms obtained from this spawn are very highly esteemed. In 3-lb. boxes, per box \$1.50.

English. In bricks, 30c. per lb. postpaid; by express, 20c. per lb.

Martynia.

A strong growing, hardy annual. Highly prized for pickling. Pkt. 5c; 1 oz. 35c; $\frac{1}{4}$ lb. \$1.00.

Nasturtium.

Tall Mixed. Useful and ornamental; flowers of various colors. The green seed-pods are pickled in vinegar. The flowers are used for garnishing. Pkt. 5c; 1 oz. 15c; $\frac{1}{4}$ lb. 30c.

For other varieties, see Flower List.

Mustard.

Used alone as "greens," or with cress as salad. Sow any time in the spring, in rows, and thin out as necessary.



Giant Curled Mustard.

Southern Giant Curled. We offer a fine strain of the true curled-leaf variety of the South for planting in the fall, to furnish an early spring salad. Pkt. 5c; 1 oz. 10c; $\frac{1}{4}$ lb. 25c; 1 lb. 70c.

White English. Leaves mild, tender when young, and generally preferred for salad. Pkt. 5c; 1 oz. 10c; $\frac{1}{4}$ lb. 15c; 1 lb. 30c.

Okra or Gumbo.

Improved Dwarf Green. Very early, with long green slender pods. Pkt. 5c; 1 oz. 10c; $\frac{1}{4}$ lb. 20c; 1 lb. 50c.

White Velvet. The pods are smooth or very slightly ribbed, large, remain tender a long time, Pkt. 5c; 1 oz. 15c; $\frac{1}{4}$ lb. 25c; 1 lb. 65c.

Onion.

If ordered by express or freight, deduct 10c. from single pound price.

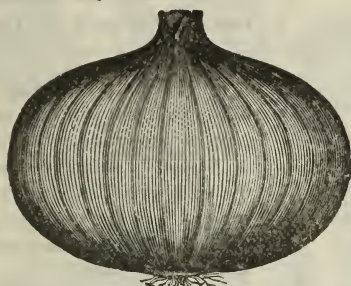
Sow thinly in drills one foot apart and about one-quarter inch deep, in March or early in April, thinning them to stand three or four inches apart in the drills. For main crop, the Yellow Danvers and Red Wethersfield are usually preferred. They delight in strong, rich, deep, loamy soil.



Oregon Yellow Danvers. This improved variety is pronounced by all onion growers who have tried it the very best strain of Yellow Danvers in cultivation. It is the earliest, largest in size, most perfect in shape, the largest cropper and the best keeper, and as a market or table onion cannot be excelled. Our seed is grown from selected bulbs by one of the most experienced onion growers in Oregon. Pkt. 5c; 1 oz. 20c; $\frac{1}{4}$ lb. 50c; 1 lb. \$1.60.

Yellow Danvers. The old standard variety. Pkt. 5c; 1 oz. 20c; $\frac{1}{4}$ lb. 50c; 1 lb. \$1.00.

Yellow Globe Danvers. Pkt. 5c; 1 oz. 20c; $\frac{1}{4}$ lb. 60c; 1 lb. \$1.75.



Red Wethersfield.

Large Red Wethersfield. Round, good size productive, keeps well. Pkt. 5c; 1 oz. 20c; $\frac{1}{4}$ lb. 50c; 1 lb. \$1.50.

Early Large Red Globe. Pkt. 5c; 1 oz. 20c; $\frac{1}{4}$ lb. 40c; 1 lb. \$1.25.



Early Flat Red.

Extra Early Flat Red. About ten days earlier than the Wethersfield, mild flavor; excellent keeper. Pkt. 5c; 1 oz. 20c; $\frac{1}{4}$ lb. 50c; 1 lb. \$1.50.

Giant Rocca. Light red, of immense size. Pkt. 5c; 1 oz. 20c; $\frac{1}{4}$ lb. 60c; 1 lb. \$2.00.

White Globe. A handsome globe-shaped variety. A good keeper. Pkt. 5c; 1 oz. 25c; $\frac{1}{4}$ lb. 75c; 1 lb. \$2.50.



Small Queen.

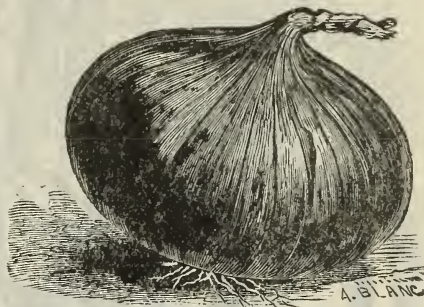
Small Queen. A very nice silver-skinned Tripoli Onion, is remarkable for its keeping qualities. If sown thickly, they produce small, very firm bulbs, good for pickling. Pkt. 5c; 1 oz. 25c; $\frac{1}{4}$ lb. 80c; 1 lb. \$2.50.

White Portugal, or Silver Skin. A good variety for family use; skin and flesh pure white; mild flavor and flat shape. The

best white onion; also grown largely for sets. Pkt. 5c; 1 oz. 25c; $\frac{1}{4}$ lb. 80c; 1 lb. \$2.50.

Extra Early Barletta. A small onion of a pure paper-white color, very mild and delicate in flavor. Valuable for table use and for pickling. Pkt. 5c; 1 oz. 20c; $\frac{1}{4}$ lb. 60c; 1 lb. \$2.00.

Mammoth Silver King. An immense white onion, mild flavor. Very showy and attractive in appearance. Pkt. 5c; 1 oz. 20c; $\frac{1}{4}$ lb. 60c; 1 lb. \$2.00.



Australian Brown.

Australian Brown. A new Onion from Australia, noted for being early and for its good keeping qualities; it is a beautiful yellowish-brown in color and of good size. Pkt. 5c; 1 oz. 20c; $\frac{1}{4}$ lb. 60c; 1 lb. \$1.65.

Prize-Taker. An immense, globe shaped, bright straw colored variety. Probably the largest globe variety known, and in quality one of the best. Pkt. 5c; 1 oz. 25c; $\frac{1}{4}$ lb. 75c; 1 lb. \$2.00.



Prize-Taker.

Onion Sets.

If ordered by mail, add 10c per lb. for postage.

Bottom Onion Sets. Grown from black seed. Plant early in the spring in shallow drills twelve inches apart and four inches apart in the drills, and they will produce small green onions for the table in a short time. Either yellow, red or white. 1 lb. 15c.

Top Onions. These do well either for a small bunch or for large onions. 1 lb. 15c.

Multipliers. Grown for the green top. 1 lb. 15c.

Shallots. 1 lb. 20c.

Chives. (German Snittlach.) A delicate little plant belonging to the onion family, being perfectly hardy and coming quite early in the spring. 20c per bunch, postpaid.

Garlic. The Garlic is the most pungent in taste and has the strongest odor of all the onion family. Bulbs per lb. 15c.

Write for prices on large quantities of Onion Sets.

Peas.

*If ordered sent by mail, add
10c. per lb for postage.*

*One quart of seed to 100 feet
of drill.

Peas mature earliest in a light, rich soil; for the general crop a moderately heavy soil is best. Commence sowing the early varieties as soon as the ground can be worked, continue for a succession every two weeks until June.

The wrinkled varieties are more susceptible to cold wet weather than the small, round, hard sorts, hence should not be planted very early except in warm, dry locations. They are sweeter and better flavored.

Alaska. Extra early, and very uniform in growth, combined with its earliness and uniformity of ripening, makes it one of the most desirable extra early peas for market gardening; height, two feet. Pkt. 10c; 1 lb. 15c; 10 lbs. \$1.25.

First and Best. Very early. One of the very best for market gardeners, as the whole crop ripens in a few days so that the ground may be cleared and another crop planted. Pkt. 10c; 1 lb. 15c; 10 lbs. \$1.25.

***McLean's Little Gem.** A very early dwarf pea; green, wrinkled and very delicious. Pkt. 10c; 1 lb. 20c; 10 lbs. \$1.50.

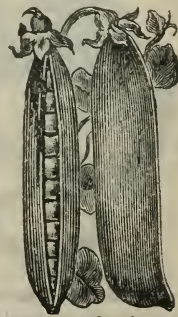
***Premium Gem.** One of the earliest dwarf green wrinkled varieties. Similar to the Little Gem. Pkt. 10c; 1 lb. 20c; 10 lbs. \$1.50.

SECOND EARLY VARIETIES.

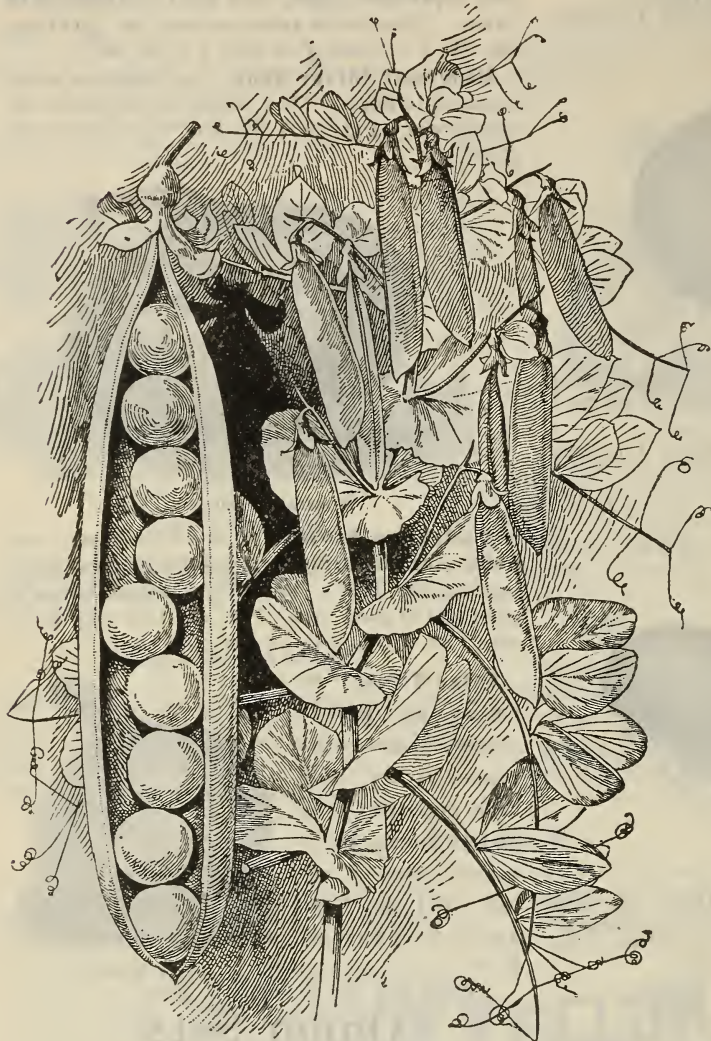
***McLean's Advancer.** Come in next after the Gems. Used extensively by canners. Height two and a half feet. Pkt. 10c. 1 lb. 15c; 10 lbs. \$1.25.

***Bliss's Everbearing.** Height about two feet; pods long, peas very large, unsurpassed in sweetness and flavor. Pkt. 10c; 1 lb. 20c; 10 lbs. \$1.50.

***Veitch's Perfection.** Large, wrinkled, popular and very productive; needs no sticks. Best variety for general crop in family garden. Pkt. 10c; 1 lb. 15c; 10 lbs. \$1.25.

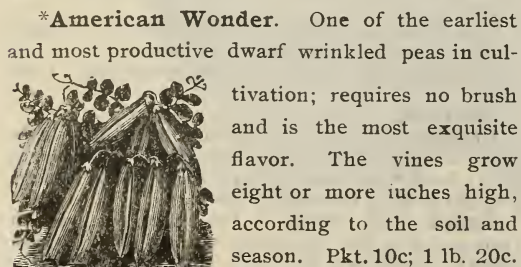


V. Perfection.



Nott's Excelsior.

***Nott's Excelsior.** A splendid variety. Perhaps the most valuable of all the dwarf early wrinkled peas. Unsurpassed in earliness, yield and quality. Pkt. 10c; 1 lb. 20c; 10 lbs; \$1.50.



American Wonder. 10 lbs. \$1.50.



Stratagem.

***Stratagem.** Select. Vines not large but of vigorous growth, producing a heavy crop; beautiful long pods, well filled with large peas of good quality; two feet high. Pkt. 10c; 1 lb. 20c; 10 lbs. \$1.50.

***Yorkshire Hero.** One of the largest, sweet, wrinkled kinds; vines strong and spreading, pods of good size and well filled, medium late, height two and a half feet. Pkt. 10c; 1 lb. 15c; 10 lbs. \$1.25.

LATE VARIETIES.

***Champion of England.** A leading late, sweet wrinkled pea among the tall varieties. Pkt. 10c; 1 lb. 15c; 10 lbs. \$1.25.



Telephone.

***Telephone.** Peas large, wrinkled, very sweet; pods enormous and well filled; height four feet. Pkt. 10c; 1 lb. 20c; 10 lbs. \$1.75.

Dwarf Sugar Edible Podded—Gray Seeded. One of the best edible podded kinds. Early; peas large, tender and very sweet. Pkt. 10c; 1 lb. 25c.

Melting Sugar. It grows to the height of five feet, bears a profusion of large, broad pods. Pkt. 10c; 1 lb. 20c.

Black-Eyed Marrowfat. A good Marrowfat pea; yields heavy; height three feet. Pkt. 10c; 1 lb. 15c; 10 lbs. \$1.00.

FIELD VARIETIES.

Small White. 1 lb. 7c; 100 lbs. market price.

Blue Prussian. 1 lb. 7c; 100 lbs. market price.

Swiss. Three-cornered. 1 lb. 10c; 100 lbs. \$4.50.

—Varieties marked (*) are wrinkled.

Pepper.

Three ounces of seed to 100 yards of row.

Sow in drills on a warm border, late in spring or commencement of summer, and thin them to stand sixteen to eighteen inches apart; or they may be sown early in the season in a hot bed, or flower pot, and transplanted.

Chili. Small; used in pickles and pepper sauce. Pkt. 5c; 1 oz. 20c; $\frac{1}{4}$ lb. 60c.



Golden Dawn.

Golden Dawn. Of same shape and size as the Large Bell, but of more delicate flavor. Color, yellow. Pkt. 5c; 1 oz. 20c; $\frac{1}{4}$ lb. 60c.

Ruby King. Beautiful bright red pods, four to six inches long; very mild. Pkt. 5c; 1 oz. 25c; $\frac{1}{4}$ lb. 75c.

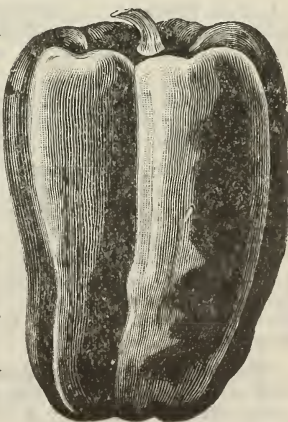


Red Cayenne.

The variety sold in the market; small and pungent. Pkt. 5c; 1 oz. 20c; $\frac{1}{4}$ lb. 60c.

Large Bell, or Bull Nose.

Early, glossy, red, very large and mild. Pkt. 5c; 1 oz. 20c; $\frac{1}{4}$ lb. 60c.



Large Bell, or Bull Nose.

Pumpkin.

Ground should be rich. Leave only one or two vines in a hill. When the soil and climate are favorable, they are a profitable crop for feeding purposes.

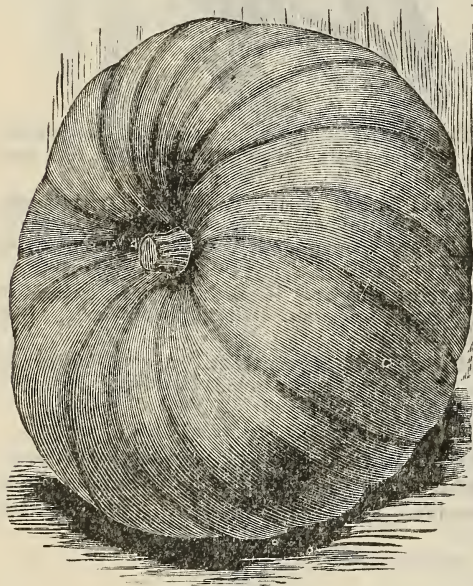


Connecticut.

but very sweet, an excellent table variety. Pkt. 5c; 1 oz. 10c; $\frac{1}{4}$ lb. 20c; 1 lb. 60c.

Connecticut Field, or Large Yellow. A good pumpkin. Grown principally for feeding stock. Pkt. 5c; 1 oz. 10c; $\frac{1}{4}$ lb. 15c; 1 lb. 40c.

Sweet, or Sugar. Round, not large,



Large Cheese.

Large Cheese. Large oval shaped, mottled light green and yellow; flesh very thick; sweet and nutritious. Pkt. 5c; 1 oz. 10c; $\frac{1}{4}$ lb. 20c; 1 lb. 60c.

Mammoth Tours. A productive French variety which grows to an enormous size. Pkt. 5c; 1 oz. 10c, $\frac{1}{4}$ lb. 30c; 1 lb. \$1.00.

Cushaw, or Crookneck. Large, productive, fleshy and excellent. Color light cream. Pkt. 5c; 1 oz. 10c; $\frac{1}{4}$ lb. 20c; 1 lb. 55c.

Winter Luxury. This is an improvement of the old, well-liked Sugar Pumpkin and is admitted by all who have grown it to be the very best pie pumpkin on the market. Its size is uniformly about nine to ten inches in diameter; good winter keeper. Pkt. 5c; 1 oz. 10c; $\frac{1}{4}$ lb. 25c; 1 lb. 75c.

Tennessee Sweet Potato. Pear-shaped; flesh thick, cream white, fine grained, and of excellent flavor. Pkt. 5c; 1 oz. 10c; $\frac{1}{4}$ lb. 20c; 1 lb. 60c.

Parsnip.

Three ounces of seed to 100 yards of row.

Sow as early in the spring as the weather will admit, in drills fifteen inches apart and one-half inch deep, in a rich, well-manured soil, deeply dug. Cultivate similarly to carrots. Valuable for feeding stock as well as for table use.

Large Sugar, or Hollow Crown. The best variety in cultivation; roots long, very smooth, white, tender, sugary and of excellent quality. Pkt. 5c; 2 oz. 15c; $\frac{1}{4}$ lb. 20c; 1 lb. 50c.

Improved Guernsey A greatly improved and wonderfully fine strain of Guernsey Parsnip. The roots do not grow so long as the Hollow Crown, but are of greater diameter and more easily gathered. Pkt. 5c; 2 oz. 15c; $\frac{1}{4}$ lb. 20c; 1 lb. 50c.



Parsnip.

Parsley.

Two ounces of seed to 100 yards of row.

Used for garnishing and seasoning soups, meats, etc. Succeeds best in a mellow, rich soil. Sow thickly, early in April in rows one foot apart and one half inch deep; thin out the plants to stand six inches apart in the rows.

Champion Moss-Curled or Fern-Leaved.

Leaves bright green, beautifully curled and crested, like fern or moss; nothing better for garnishing could be desired. Pkt. 5c; 1 oz. 10c; $\frac{1}{4}$ lb. 25c; 1 lb. 75c.



Triple Curled. A fine free-growing, but not a large variety. The leaves

Moss Curled.

are bright green, and the plant is very hardy. Pkt. 5c; 1 oz. 10c; $\frac{1}{4}$ lb. 20c; 1 lb. 60c.

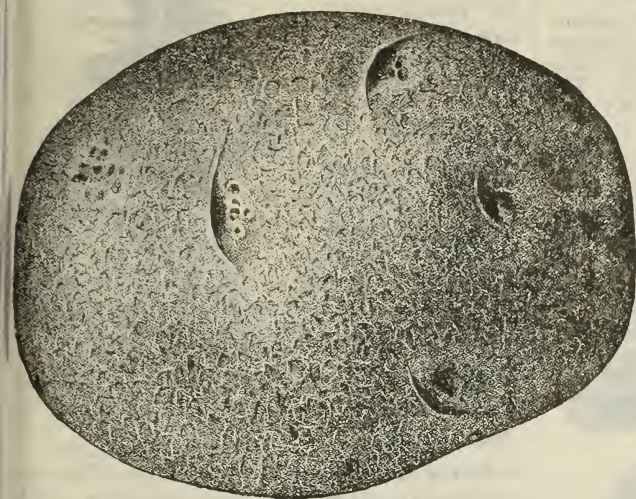
Hamburg, or Turnip Rooted. A fleshy-rooted kind; the roots used for flavoring soups. Pkt. 5c; 1 oz. 10c; $\frac{1}{4}$ lb. 25c; 1 lb. 75c.

USE...

GROESBEGK'S EGG PRODUGER

It will Make Money for you.

Potato.



Briggs Extra Early—Originated in Oregon. Very early. Large, smooth, fine quality; flesh white. By mail, 1 lb. 20c; 3 lbs. 50c; by express or freight, 1 bu. \$1.50.

Carman, No. 1. A very fine second early variety. By mail, 1 lb. 20c; 3 lbs. 40c; by express or freight, 1 bu. \$1.20.

Rural New Yorker No. 2. A splendid medium early potato; eyes very few and shallow; skin and flesh pure white; splendid table variety and immense yielder. By mail, 1 lb. 20c; by freight, 1 bu. \$1.20.

Sir Walter Raleigh. One of the hand-somest potatoes grown. Their cooking qualities are superior—white, dry and floury. Luxuriant, healthy growers, free from disease, blight, scab or rot. Shape and size are wonderfully uniform. By mail 1 lb. 20c; 3 lbs. 50c; by freight, 1 bu. \$2.00.

Uncle Sam. Possesses many very desirable qualities. When cooked is pure white and very attractive. By mail, 1 lb. 20c; by freight, 1 bu. \$1.00.



Early Sunrise. One of the very finest of the early varieties. By mail, 1 lb. 15c; by freight, per bu. \$1.00.

The Potato is a gross feeder, and will repay a liberal application of Fertilizer.

Our Vegetable Fertilizer is just the thing to increase the yield and quality of the Potato crop.

Early Rose. The old standard early potato too well known to need any description. By mail, 1 lb. 15c; by freight, per bu. \$1.00.

Peerless. Large size, very productive good quality, white skin and flesh. Excellent for general crop. By mail, 1 lb. 20c; by express or freight, 1 bu. \$1.25.

Write for prices on larger quantities.

The market frequently changes and we can often make better prices than list.

Rhubarb, or Pie Plant.



Victoria.

Four ounces of seed to 100 yards of row.

No market gardener or family should be without it. May be propagated from seed, but is usually grown from roots. The soil should be deep and rich.

Linnaeus. The earliest. Pkt. 5c; 1 oz. 15c; ¼ lb. 45c; 1 lb. \$1.50.

Victoria. Very large; finest cooking variety. Pkt. 5c; 1 oz. 15c; ¼ lb. 45c; 1 lb. \$1.50.

Radish.

Six ounces of seed to 10 yards of row.

Radishes thrive the best in a light, rich, mellow soil. For very early use sow in sheltered borders as soon as the ground can be worked, in well-mannered, deeply dug and finely-raked soil. The winter varieties should be sown in July and August.



White Stuttgart.

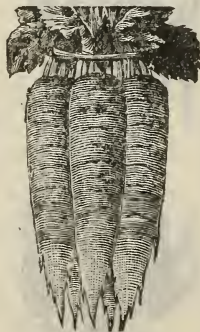
White Stuttgart. Root large, often four inches in diameter, skin white, flesh white and crisp and not becoming strong or pithy until very late. Pkt. 5c; 1 oz. 10c; $\frac{1}{4}$ lb. 20c; 1 lb. 60c.

White Strasburg. A very desirable summer variety. Both flesh and skin pure white. Pkt. 5c; 1 oz. 10c; $\frac{1}{4}$ lb. 25c; 1 lb. 60c.

Glass Radish. It is a long Radish of light pink color, white tipped of uniform size. The flesh is transparent white, always crisp and brittle, even if grown to a large size, and mild flavored. Pkt. 5c; 1 oz. 10c; $\frac{1}{4}$ lb. 25c; 1 lb. 65c.

Improved Chartier. Of rapid growth. Soon ready for the table, remaining crisp and tender until fully grown. Color, scarlet above, shading into white at the tip. Flesh white and mild flavored. Pkt. 5c; 1 oz. 10c; $\frac{1}{4}$ lb. 20c; 1 lb. 60c.

Lady Finger, or White Vienna. Crisp and tender in summer. Pkt. 5c; 1 oz. 10c; $\frac{1}{4}$ lb. 25c; 1 lb. 65c.



Improved Chartier.

Scarlet Turnip White Tipped.

Similar to the Scarlet Turnip-rooted, only that the under side of the bulb and tap-root is white. Pkt. 5c; 1 oz. 10c; $\frac{1}{4}$ lb. 20c; 1 lb. 50c.

Early Scarlet Turnip. A small, round, scarlet, turnip-shaped, small-topped variety, of quick growth, mild and crisp when young. Pkt. 5c; 1 oz. 10c; $\frac{1}{4}$ lb. 20c; 1 lb. 50c.

Early White Turnip. Similar to Scarlet Turnip, except in color. Pkt. 5c; 1 oz. 10c; $\frac{1}{4}$ lb. 20c; 1 lb. 60c.

Early Long Scarlet Short-Top. The standard family and market gardeners' variety. Pkt. 5c; 1 oz. 10c; $\frac{1}{4}$ lb. 20c; 1 lb. 50c.

Golden Globe, or Summer. Pkt. 5c; 1 oz. 10c; $\frac{1}{4}$ lb. 20c; 1 lb. 65c.

Half-Long, Deep Scarlet. A handsome variety resembling somewhat the Olive-Shaped, but of a deeper scarlet. Good for forcing. Pkt. 5c; 1 oz. 10c; $\frac{1}{4}$ lb. 20c; 1 lb. 60c.

French Breakfast.

Oblong shaped, rapid growth, very mild and tender. Pkt. 5c; 1 oz. 10c; $\frac{1}{4}$ lb. 20c; 1 lb. 60c.



French Breakfast.

WINTER VARIETIES.

China Rose Winter. One of the best winter varieties. A general favorite. Flesh white, firm and of superior quality. Pkt. 5c; 1 oz. 10c; $\frac{1}{4}$ lb. 25c; 1 lb. 65c.

Long Black Spanish. A large winter variety, one of the hardiest. Pkt. 5c; 1 oz. 10c; $\frac{1}{4}$ lb. 25c; 1 lb. 65c.

Round Black Spanish. A fine globe-shaped winter radish. Pkt. 5c; 1 oz. 10c; $\frac{1}{4}$ lb. 25c; 1 lb. 65c.

California Mammoth White. A winter variety, white-fleshed, firm and of excellent quality. Pkt. 5c; 1 oz. 10c; $\frac{1}{4}$ lb. 25c; 1 lb. 75c.



Round Black Spanish.

Squash.

Three ounces of seed to 100 yards of row.

A very tender plant, of rapid and luxuriant growth; will not stand any frosts or cold nights and should be planted in a rich, warm, light soil, after the weather has become settled and warm.

SUMMER VARIETIES.



Early White Scallop Bush. The earliest variety for market or shipping. Pkt. 5c; 1 oz. 10c; $\frac{1}{4}$ lb. 20c; 1 lb. 60c.

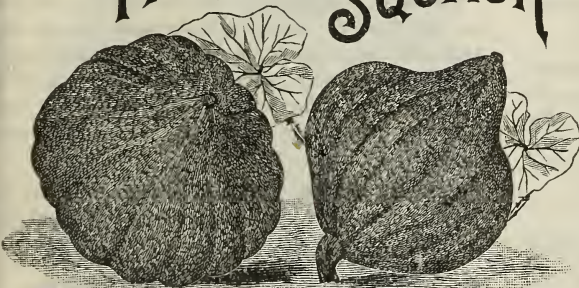
Early Mammoth White Bush, Scallop.

An improvement on the preceding in point of size, being twelve to fifteen inches across; very productive and uniform

White Scallop Bush. in growth. Pkt. 5c; 1 oz. 10c; $\frac{1}{4}$ lb. 20c; 1 lb. 65c.

Early Yellow Bush Scallop. An early, flat scallop shaped variety; color yellow; flesh pale yellow and well flavored; very productive. Pkt. 5c; 1 oz. 10c; $\frac{1}{4}$ lb. 25c; 1 lb. 65c.

THE FAXON SQUASH



COPYRIGHT, 1893, BY M.B. FAXON CO.

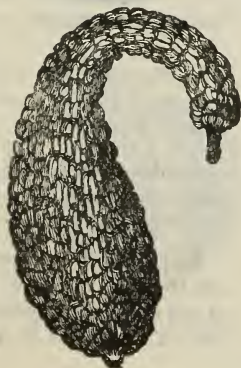
Faxon.—It is remarkably prolific in habit; quality, dry and rich, without regard to the size, coloring or time of ripening. Lb. 75c; $\frac{1}{4}$ lb. 25c; 1 oz. 10c; pkt. 5c.

Early Mammoth

Summer Crook-Neck

Twice the size of the ordinary Summer Crook-Neck; also earlier and more warty; a decided advance on the old kind.

Pkt. 5c; 1 oz. 10c; $\frac{1}{4}$ lb. 20c; 1 lb. 65c.



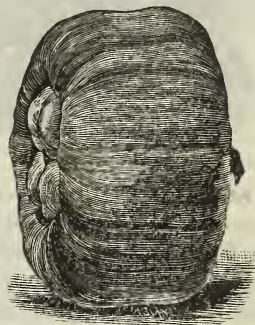
LATE VARIETIES.

English Vegetable Marrow. White flesh; outside yellow; grows about nine inches long; ribbed. Pkt. 5c; 1 oz. 10c; $\frac{1}{4}$ lb. 25c; 1 lb. 75c.

Sibley. Shell smooth, thin, and of a pale green color; the flesh is thick, solid, deep orange color, very dry, fine grained and delicate flavor. Pkt. 5c; 1 oz. 10c; $\frac{1}{4}$ lb. 25c; 1 lb. 65c.

Fordhook. One of the best winter squashes; fine quality. Pkt. 5c; 1 oz. 10c; $\frac{1}{4}$ lb. 20c; 1 lb. 60c.

Orange Marrow. An improved Boston Marrow. Quite distinct, very early, and of most delicate flavor; suitable for fall and winter. Pkt. 5c; 1 oz. 10c; $\frac{1}{4}$ lb. 20c; 1 lb. 60c.



American Turban.

Essex Hybrid, or American Turban. A good fall and winter variety. Pkt. 5c; 1 oz. 10c; $\frac{1}{4}$ lb. 20c; 1 lb. 60c.

Mammoth Chili. This is the largest variety known, and in rich soil has attained a weight of two hundred pounds. Pkt. 5c; 1 oz. 10c; $\frac{1}{4}$ lb. 25c; 1 lb. 75c.

Marblehead. Flesh deep orange colored; very dry and sweet; one of the best keepers. Pkt. 5c; 1 oz. 10c; $\frac{1}{4}$ lb. 25c; 1 lb. 75c.



Hubbard Squash.

Hubbard. The Standard winter squash, best known. Pkt. 5c; 1 oz. 10c; $\frac{1}{4}$ lb. 20c; 1 lb. 60c.

Golden Hubbard. Similar to but earlier than the Hubbard. Flesh deep orange. Pkt. 5c; 1 oz. 10c; $\frac{1}{4}$ lb. 30c; 1 lb. 80c.

Spinach.

Four ounces of seed to 100 yards of row.

This is an important gardeners' crop, of easy culture. For spring and summer use, sow either broadcast or in drills one foot apart and one inch deep, as early as the ground can be worked and every two weeks for a succession.

Bloodsdale. A very early variety. Is hardy and may be planted for early spring use. Pkt. 5c; 1 oz. 10c; $\frac{1}{4}$ lb. 20c; 1 lb. 50c.



Long Standing.

Long Standing. An improved variety, slow in going to seed, and perhaps the best for general use. Pkt. 5c; 1 oz. 10c; $\frac{1}{4}$ lb. 20c; 1 lb. 45c.

Monstrous Viroflay. This variety produces the largest leaves or any, yielding an enormous crop. Excellent for the family or market garden. Pkt. 5c; 1 oz. 10c; $\frac{1}{4}$ lb. 20c; 1 lb. 50c.

Prickly Seed, or Fall. The hardiest variety; having smaller leaves but not so productive as the Round leaved. Pkt. 5c; 1 oz. 10c; $\frac{1}{4}$ lb. 20c; 1 lb. 45c.

Sunflower.

Mammoth Russian. The largest and most productive variety. $\frac{1}{4}$ lb. 10c; 1 lb. 20c. By express or freight, purchaser paying charges, 1 lb. 10c; 10 lbs. 80c.

Sugar=Cane.

Early Amber. Early and rapid growth. Pkt. 5c; $\frac{1}{4}$ lb. 10c; 1 lb. 25c.



Tobacco.

Tobacco.

Connecticut Seed Leaf.
Pkt. 5c; 1 oz. 20c; $\frac{1}{4}$ lb. 60c.

Havana. Pkt. 5c; 1 oz. 35c; $\frac{1}{4}$ lb. \$1.00.

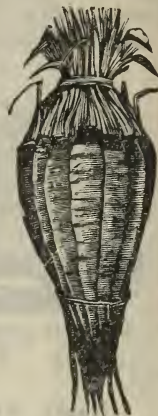
**The MANN
Bone Cutters
are Unequaled.**

Salsify, or Vegetable Oyster.

Cultivate the same as carrots and parsnips. It is hardy, can remain in the ground all winter for early spring use, but should be taken up before it starts to grow. Sow early in the spring in drills fifteen inches apart, in rows one inch deep. Thin out to six inches apart, keeping clear of weeds.

Long White. The favorite market variety. Pkt. 5c; 1 oz. 10c; $\frac{1}{4}$ lb. 35c; 1 lb. \$1.10.

Mammoth Sandwich Island. A very fine variety; growing nearly twice the size of the old sort. This is taking the lead in the market and we recommend its use. Pkt. 5c; 1 oz. 15c; $\frac{1}{4}$ lb. 40c; 1 lb. \$1.25.



Salsify.

Best Tomatoes.

One ounce of seed to 100 yards of row.

It is false economy to try to save on the first cost of Tomato Seed,—a little seed goes so far. And yet the country is almost "flooded" with cheap Tomato Seed, saved without any regard to selection, and sometimes even the refuse of canning establishments. Our tomatoes are grown especially for Seed.

Atlanta Prize, Extra Early. An early variety, of good size and smooth surface. Pkt. 5c; 1 oz. 20c; $\frac{1}{4}$ lb. 60c; 1 lb. \$2.00.



Livingston's Beauty.

Early Michigan. A very smooth, perfectly shaped tomato, solid and without core. A strong grower and heavy cropper. Early. Pkt. 5c; 1 oz. 20c; $\frac{1}{4}$ lb. 60c; 1 lb. \$2.00.

Livingston's Beauty.

For shipping and early market it cannot be excelled on account of solidity and toughness of skin. Pkt. 5c; 1 oz. 20c; $\frac{1}{4}$ lb. 60c; 1 lb. \$2.00.

Acme. One of the earliest; is of a strong and vigorous growth, very productive; fruit of a medium size. Pkt. 5c; 1 oz. 20c; $\frac{1}{4}$ lb. 60c; 1 lb. \$2.00.

Royal Red. Vines stronger and more vigorous than the Favorite; fruit larger, brighter, deeper red and fully as good in quality. Pkt. 5c; 1 oz. 20c; $\frac{1}{4}$ lb. 60c; 1 lb. \$2.00.

Ignotum. A very large tomato of fine grain, good flavor and without hard core. Fruit red, smooth and solid. Very productive. Pkt. 5c. 1 oz. 20c; $\frac{1}{4}$ lb. 60c; 1 lb. \$2.00.

New Imperial. This fine new tomato is very early, large, quite fleshy and free from any hard core. The fruits are red, smooth and of fine form. Pkt. 5c; 1 oz. 25c; $\frac{1}{4}$ lb. 75c; 1 lb. \$2.50.

Fordhook First. A very early, large, smooth tomato of good form and yield. Pkt. 5c; 1 oz. 20c; $\frac{1}{4}$ lb. 60c; 1 lb. \$2.00.

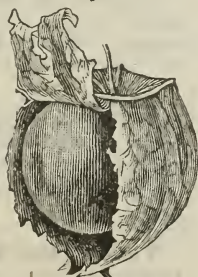
Optimus. A second early kind; uniform in size; color bright red; smooth and handsome. One of the very best for this climate. Pkt. 5c; 1 oz. 20c; $\frac{1}{4}$ lb. 60c; 1 lb. \$2.00.



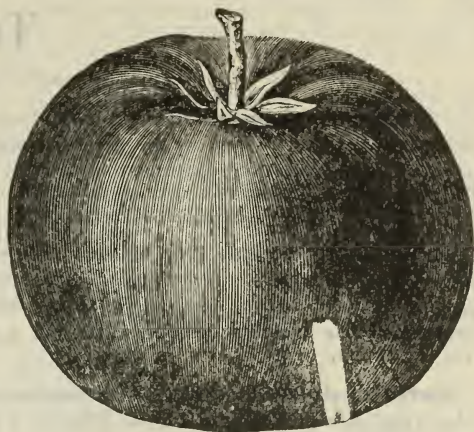
Livingston's Perfection.

Livingston's Perfection. One of the best medium early kinds; round, uniformly smooth; vines very productive; fruit deep scarlet, firm and of excellent quality. Sow this variety for main crop. Pkt. 5c; 1 oz. 20c; $\frac{1}{4}$ lb. 60c; 1 lb. \$2.00.

Husk Tomato or Ground Cherry. Fine for sauce, preserves, and for eating fresh. Pkt. 5c; 1 oz. 30c; $\frac{1}{4}$ lb. 85c; 1 lb. \$2.75.



Ground Cherry.



Livingston's Favorite.

Livingston's Favorite. One of the best for general crop; vines vigorous, continuing in bearing all season; Pkt. 5c; 1 oz. 20c; $\frac{1}{4}$ lb. 60c; 1 lb. \$2.00.

Dwarf Champion. Quite distinct in foliage and habit of growth, being compact and upright, fruits early, and resembles the Acme in appearance. Pkt. 5c; 1 oz. 20c; $\frac{1}{4}$ lb. 60c; 1 lb. \$2.00.

Golden Queen. Very handsome; flesh, yellow, rich, and of superior quality. Pkt. 5c; 1 oz. 25c; $\frac{1}{4}$ lb. 75c; 1 lb. \$2.25.

Yellow Plum-Shaped Tomato. Fruit a little larger than the Pear-shaped; of even plum shape; skin and flesh clear, deep yellow color; very popular for preserving. Pkt. 5c; 1 oz. 30c; $\frac{1}{4}$ lb. 85c; 1 lb. \$2.25.

New Stone. Pkt. 5c; 1 oz. 20c; $\frac{1}{4}$ lb. 65c; 1 lb. \$2.25.

For Plants see Vegetable Plants.

★ ★ ★ ★ ★ ★ ★ ★ ★ ★
 ★ **THE PETALUMA INCUBATOR** ★
 ★ Has many rivals but NO ★
 ★ **EQUALS.** Hundreds of these ★
 ★ machines are in use in Oregon ★
 ★ and Washington and we are ★
 ★ constantly receiving testimonials of praise. These facts indicate merit. For high percentage of hatch, workmanship, material, economy, etc., they are unexcelled. ★
 ★ ★ ★ ★ ★ ★ ★ ★ ★ ★

Turnip.

Three ounces of seed to 100 yards of row.

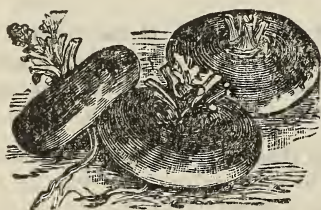
The turnip delights in a light, rich, sandy loam which has been well manured. For early use, sow the early varieties as soon as the ground opens in the spring, in drills from twelve to fifteen inches apart. For a succession, continue to sow every two weeks until June, then discontinue until the middle of July. For a fall and winter crop, sow not later than the first of September.

WHITE-FLESHED KINDS.

Extra Early Purple-Top Milan. The earliest variety of turnip. Top small, erect, strap-leaved; bulb very flat, a deep purple above, white underneath; an excellent keeper. Pkt. 5c; 1 oz. 10c; $\frac{1}{4}$ lb. 25c; 1 lb. 75c.

Extra Early White Milan. As early as the above and a beautiful pure white. Pkt. 5c; 1 oz. 10c; $\frac{1}{4}$ lb. 25c; 1 lb. 75c.

Purple Top White Globe. A large globe-shaped variety, purple above ground. It is handsome and of excellent quality. Pkt. 5c; 1 oz. 10c; $\frac{1}{4}$ lb. 20c; 1 lb. 50c.



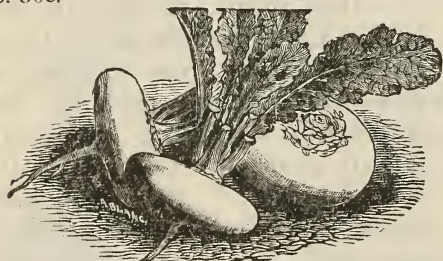
Early Red-Top, Strap Leaved.

Early Red-Top Strap Leaved. One of the best; flat and good size. Pkt. 5c; 1 oz. 10c; $\frac{1}{4}$ lb. 20c; 1 lb. 50c.

White Norfolk. A large-growing round, flat-shaped variety; coarse-grained and sweet. One of the best early for feeding stock. Pkt. 5c; 1 oz. 10c; $\frac{1}{4}$ lb. 20c; 1 lb. 50c.

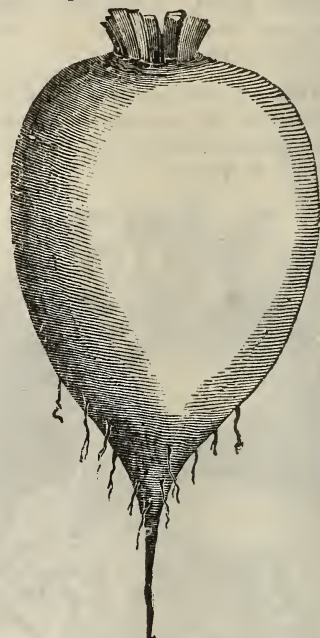
Pomerian White Globe. This is one of the most productive kinds, and in good, rich soil roots will frequently grow to twelve pounds in weight. Pkt. 5c; 1 oz. 10c; $\frac{1}{4}$ lb. 20c; 1 lb. 50c.

Sweet German. Pkt. 5c; 1 oz. 10c; $\frac{1}{4}$ lb. 20c; 1 lb. 50c.



Early Flat White Dutch.

Early Flat White Dutch. A leading white-fleshed variety and one of the best, either for the family, market garden or field crop. Pkt. 5c; 1 oz. 10c; $\frac{1}{4}$ lb. 20c; 1 lb. 50c.



White Egg.

White Egg. An entirely distinct variety. It belongs to the class of quick-growing fall turnips. Of extra fine flavor and texture. Pkt. 5c; 1 oz. 10c; $\frac{1}{4}$ lb. 20c; 1 lb. 60c.

Cow Horn, or Long White. A distinct variety, having a long slightly-curved root, somewhat resembling a carrot. It is white with a green tinge near the top; growing partly above the ground; flesh tender, sweet, and of fine quality. Can be sown early for fall and winter use. Pkt. 5c; 1 oz. 10c; $\frac{1}{4}$ lb. 20c; 1 lb. 60c.

YELLOW-FLESHED VARIETIES.

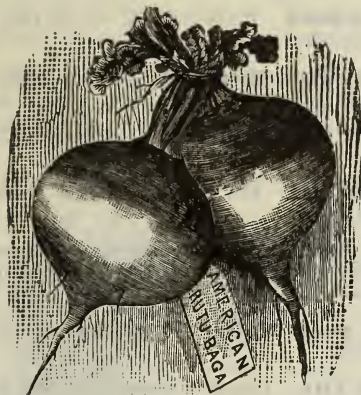
Yellow, or Amber Globe. This variety is handsome and grows to a large size. Color, pale yellow. One of the best for general crop. Pkt. 5c; 1 oz. 10c; $\frac{1}{4}$ lb. 20c; 1 lb. 50c.

Golden Ball, or Orange Jelly. It forms a bulb having a beautiful bright yellow rind and cream colored flesh; rich, pulpy, and excellent for culinary use, as well as for stock. Its keeping qualities are unrivaled. Pkt. 5c; 1 oz. 10c; $\frac{1}{4}$ lb. 20c; 1 lb. 50c.

Yellow Aberdeen. Bulb globular, reddish purple and deep yellow below; solid and hardy. Generally grown for farming purposes. Pkt. 5c; 1 oz. 10c; $\frac{1}{4}$ lb. 20c; 1 lb. 50c.

Ruta Bagas, or Swedes.

Sow from the 20th. of June to the middle of July in drills two feet apart and thin out to 8 inches in the rows.



American Ruta-Baga.

Improved American Purple Top. This variety is largely grown, both for table use and stock feeding. Pkt. 5c; 1 oz. 10c; 2 oz. 15c; ¼ lb. 20c; 1 lb. 50c; 5 lbs. postpaid, \$2.00

Skirving's Purple Top. Enormously productive; flesh yellow, solid and sweet. One of the best for field culture. Pkt. 5c. 1 oz. 10c; 2 oz. 15c. ¼ lb. 20c; 1 lb. 50c; 5 lbs. postpaid, \$2.00.

Monarch, or Tankard. Color purplish-crimson above ground, yellow below. The flesh is of the best quality. The roots grow much above ground, making them easy to harvest. Produces an immense crop. Pkt. 5c; 1 oz. 10c; 2 oz. 15c; ¼ lb. 20c; 1 lb. 50c; 5 lbs. postpaid \$2.00.

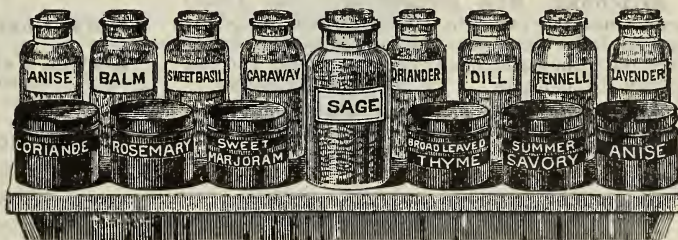
White Russian. Large, white and soild. Pkt. 5c; 1 oz. 10c; ¼ lb. 20c; 1 lb. 50c; 5 lbs. postpaid, \$2.00.

Our Fertilizers are made of the very best material, and it will pay you to investigate before buying elsewhere.

Remember judicious fertilizing pays.

Herb Seeds—Pot, Sweet and Medicinal.

Herbs in general delight in rich, mellow soil. Those marked with a (*) are perennial, and when once obtained in the garden may be preserved for years with a little attention. Sow the seeds early in the spring in shallow drills one foot apart. We offer some of the most useful and popular.



Anise. For garnishing and seasoning. Pkt. 5c; 1 oz. 10c; ¼ lb. 25c; 1 lb. \$1.00.

***Balm.** A fragrant, lemon-scented herb, used for making Balm tea or Balm wine. Pkt. 5c; 1 oz. 25c.

Basil, Sweet. Useful for seasoning soups. Pkt. 5c; 1 oz. 20c; ¼ lb. 50c; 1 lb. \$1.50.

Borage. Leaves used for flavoring, and flowers furnish bee pasture. Pkt. 5c; 1 oz. 15c; ¼ lb. 40c.

***Caraway.** Cultivated for the seed, which is used extensively in cakes and confectionery. Pkt. 5c; 1 oz. 10c; ¼ lb. 25c; 1 lb. 75c.

***Catnip.** A mild nerveine, excellent for children. Pkt. 5c; 1 oz. 50c; ¼ lb. \$1.50.

Coriander. The seed is used medicinally, in confectionery etc. Leaves are used for garnishing. Pkt. 5c; 1 oz. 10c; ¼ lb. 25c; 1 lb. 75c.

Dill. Hardy annual; seeds used medicinally and also for flavoring. Pkt. 5c; 1 oz. 10c; ¼ lb. 25c; 1 lb. 75c.

Fennel, Sweet. Leaves and seeds used for flavoring. Pkt. 5c; 1 oz. 10; ¼ lb. 25c; 1 lb. 75c.

***Horehound.** Very bitter plant, useful for its tonic properties. Pkt. 5c; 1 oz. 30c.

***Lavender.** Cultivated for the fragrance of its flowers. Pkt. 5c; 1 oz. 15c; ¼ lb. 40c.

Marjoram, Sweet. The young shoots and leaves are used for flavoring. Pkt. 5c; 1 oz. 20c; ¼ lb. 50c.

***Rosemary.** Leaves used for flavoring. Pkt. 5c; 1 oz. 30c; ¼ lb. \$1.00.

***Rue** Used medicinally. Pkt. 5c; 1 oz. 20c; ¼ lb. 50c.

***Sage, Broad-Leaved.** The leaves and tender tops are used in dressings. Pkt. 5c; 1 oz. 20c; ¼ lb. 70c.

Savory, Summer. Used for flavoring. It is a hardy annual. Pkt. 5c; 1 oz. 15c; ¼ lb. 40c.

***Thyme.** Used for flavoring soups, dressings, etc. Pkt. 5c; 1 oz. 40c; ¼ lb. \$1.00.

Wormwood. Used for medicinal purposes. It is also beneficial to poultry and should be planted in poultry grounds. Pkt. 5c; 1 oz. 30c; ¼ lb. \$1.00.

Garden Roots and Tubers.

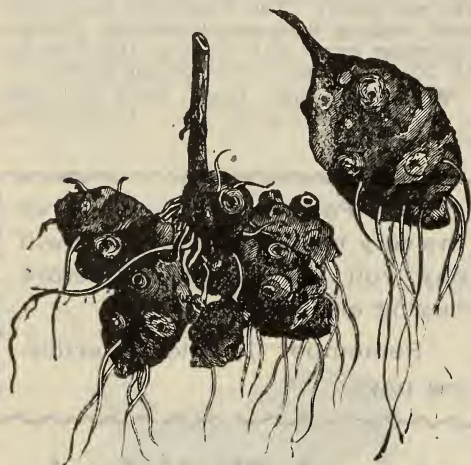
Asparagus. 2 year, one doz. postpaid, 50c; 100 \$1.25; 1 year, 100 postpaid, 75c.

Hop Vines. 1 doz. postpaid, 25c; 100, \$1.00.

Horseradish. 1 doz. postpaid, 25c; 100, 75c.

Rhubarb. 1 year, 1 doz. 50c; by mail 65c.

Rhubarb. 2 year, 1 doz. 75c; by mail, \$1.10.



Artichokes.

Artichoke, Red Jerusalem. The tubers grow similar to potatoes. They furnish one of the best foods for stock ever put on the market, being very nutritious and healthful. Sow from 150 lbs. to 200 lbs. per acre. 1 lb. 20c; 100 lbs. \$2.50.

Artichoke, White. Flesh white and sweet. Produces a larger crop and tubers than the red; now taking the lead. 1 lb. postpaid, 20c; 100 lbs. \$2.50.

Write for quotations on larger quantities.

Tree Seeds.

Purchaser to pay transportation charges on all quantities above one pound.

Apple Seed. *American.* For nursery stocks. 1 oz. 10c; $\frac{1}{4}$ lb. 15c; 1 lb. 40c.

Apple Seed. *French Crab.* 1 oz. 10c; $\frac{1}{4}$ lb. 20c; 1 lb. 50c.

Cherry Pits, Mazzard. *Cerasus.* 1 oz. 10c; $\frac{1}{4}$ lb. 15c; 1 lb. 40c.

Cherry Pits, Mahaleb. 1 oz. 10c; $\frac{1}{4}$ lb. 20c; 1 lb. 50c.

Peach Pits. For nursery stocks. 1 lb. 20c; 100 lbs. \$1.75.

Pear Seed. *Pyrus Communis.* The best imported for nursery stocks. 1 oz. 15c; $\frac{1}{4}$ lb. 45c; 1 lb. \$1.50.

Pear Seed, Native. 1 oz. 20c; $\frac{1}{4}$ lb. 50c; 1 lb. \$2.00.

Plum Pits. *Prunis myrabolano.* For nursery stock. 1 oz. 10c; $\frac{1}{4}$ lb. 20c; 1 lb. 50c.

Quince Seed. 1 oz. 20c; 2 oz. 30c; $\frac{1}{4}$ lb. 50c; 1 lb. \$2.00.

Box Elder, or Ash Leaf Maple. *Acer negundo.* 1 oz. 10c; 2 oz. 15c; $\frac{1}{4}$ lb. 20c; 1 lb. 60c.

Horse Chestnut, or Buckeye. 1 lb. 35c.

Locust, Yellow or Black. A tree of rapid growth. Sown in our Western states for timber. 1 oz. 10c; 2 oz. 15c; $\frac{1}{4}$ lb. 20c; 1 lb. 50c.

Locust, Honey. 1 oz. 10c; 2 oz. 15c; $\frac{1}{4}$ lb. 20c; 1 lb. 60c.

Write for Prices on large quantities.

Vegetable Plants.

CABBAGE PLANTS.

	Per Doz.	50	100	1000
	Postpaid.		By Express.	
Early varieties.....	15c	50c	\$.50	\$3.50
Late varieties.....	15c	35c	.40	3.00

CAULIFLOWER PLANTS.

Early varieties.....	25c	70c	1.00	7.00
Late varieties.....	20c	45c	.70	5.00

TOMATO PLANTS.

Standard varieties.....	25c	60c	.85	5.50
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CELERY PLANTS.

Standard varieties.....	20c	45c	.65	4.50
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SWEET POTATO PLANTS.....	30c	50c	.85	5.00
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PEPPER.....	25c	60c	1.00	
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KALE.....	20c	60c	.90	6 00
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Other varieties furnished if desired. No plants sent C. O. D.

Write for quotations if larger quantities are wanted.

HIGH-GRADE

EXTRA CLEAN

GRASS AND CLOVER SEEDS.

Grass and Clover have become of so much importance to the agriculturalist within the last few years that we have deemed it wise to pay special attention to the matter of seeds for the production of these articles. Our grass and clover seeds are extra cleaned and of the highest quality. We take great care to have them absolutely free from all noxious weed seeds.

Write for prices on Grass and Clover Seeds, stating kinds and quantities wanted. Prices vary with the market, and we can frequently supply lower than Catalogue rates.

PLEASE NOTE: Add 10 Cents per pound for postage when ordering by mail.

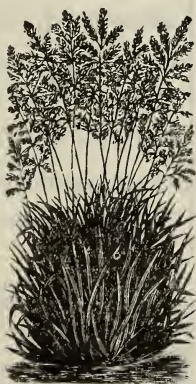


English Blue Grass or
Meadow Fescue.

Meadow Fescue.
Festuca pratensis. A perennial variety growing three or four feet high. It roots deep, thus resisting drought better than most grasses. It succeeds on any ordinary soil; yields a heavy crop of superior hay; one of the best grasses for pastures. Valuable to mix with other kinds. Use thirty pounds per acre when sown alone. 1 lb. 18c; 100 lbs. market price.

Blue Grass Canada. *Poa compressa.* Differs from the Kentucky variety in its flattened wiry stem. Because of its creeping root stocks it forms a fine turf; recommended in all pasture mixtures on dry soil, thrives well on clay or hard trodden and poor soil. 1 lb. 15c; 100 lbs. \$14.00.

Kentucky Blue Grass.
Poa pratensis. Is universally known, desirable for pastures and lawns. Sow in Fall or Spring. For pasture sow forty or fifty pounds to the acre, but to secure a fine lawn, much heavier seeding is required and not less than ninety pounds should be sown. Fancy Clean. 1 lb. 20c; 100 lbs. market price.



Kentucky Blue
Grass.



Bromus Inerimis.

Bromus Inerimis.
Awnless Brome Grass
—Russian Brome Grass. Valuable for semi-arid lands; good for cutting and feeding in green state, for pasture or hay. Its running roots take a deep and permanent hold upon the land, and it will probably replace, in a large degree, the fast disappearing Bunch Grasses of Eastern Oregon and Eastern Washington, where it has done well. Sow thirty-five or forty pounds to the acre. 1 lb. 20c; 100 lbs. market price.

Do not overlook the importance of having a first-class agricultural text book for reference.

See page 51.



Bromus Schraderi.

Bromus Schraderi. *Rescue Grass.* Also known as *Bromus Unioloides*. Thrives in any soil, but prefers that which is wet or moist. In England, four or five green crops are cut in a year, and every time it is cut another crop shoots from the roots. All kinds of stock eat it freely. Thirty pounds to the acre. 1 lb. 25c; 100 lbs. market price.

Our Fertilizers are the Best.

Creeping Bent Grass. *Agrostis stolonifera*. Valuable to mix with other pasture grasses, and it will thrive in moderately moist soil. For pasture, sow 18 to 36 pounds per acre; for lawns, 36 to 48 pounds. 1 lb. 25c; 100 lbs. market price.

Rhode Island Bent. *Agrostis canina*. This somewhat resembles Red Top, but has shorter and narrower leaves. It makes a close sod and is valuable for permanent pastures and meadows. Per lb. 35c.



Crested Dog's Tail.

Crested Dog's Tail. *Cynosurus cristatus*. A perennial grass with short, narrow leaves, particularly valuable for lawns or pastures on dry, light land. 1 lb. 45c; 100 lbs. market price.

Floating Fescue. *Festuca fluitans*. A perennial with long creeping roots and preferring a rich muddy or alluvial soil. Trout and wild ducks are very fond of the seed and tender shoots. 1 lb. 35c; 100 lbs. market price.

Fescue, Sheep's. *Festuca ovina*. Grows freely in high, dry and open pastures. Its chief merit for sheep pasture is that it occupies land where better grasses refuse to grow. Thirty-five pounds to the acre. 1 lb. 25c.

Lawn Grass, Choice. A good, strong-growing grass for lawns that will give satisfaction. Sow twelve to fifteen pounds to an ordinary city lot. 1 lb. 15c; 100 lbs. market price.

Lawn Grass, Fancy. Is composed of the finest and best mixture of neat, compactly growing varieties, producing a fine sward. Sow 100 lbs. to the acre. 1 lb. 25c; 100 lbs. market price.

Meadow Foxtail. *Alopecurus pratensis*. One of the very best for permanent pasture. Stands intense summer heat without burning. Sow 25 lbs. to the acre. 1 lb. 35c; 100 lbs. market price.

Mesquite. *Holcus lanatus*. It is usually sown on virgin soil, without cultivation, after the timber is removed and the ground burned over. Use about thirty-five to forty pounds per acre. 1 lb. 10c; 100 lbs. market price.

Millet, Common. A variety growing from three to four feet high, having rather broad blades and strong stalks. For a seed crop sow fifteen pounds per acre; for hay and pasture use thirty pounds. 1 lb. 5c; 100 lbs. market price.

Millet, German or Golden. *Panicum Germanicum* var. An improved variety, yielding a larger crop of seed than the Common Millet. It is also taller than the Common and yields a heavier crop of hay. 1 lb. 5c; 100 lbs. market price.

Millet, Hungarian. *Panicum Germanicum*. A dwarf annual Millet. It is finer than the Common German Millets, but produces a closer stand and yields almost as much per acre as the taller varieties. 1 lb. 7c; 100 lbs. market price.



Hungarian Millet.

Millet, Pearl or Egyptian. Produces an enormous amount of green feed. It can be cut repeatedly, growing very rapidly after cutting, and is equal to sweet corn for feed. 1 lb. 10c; 100 lbs. market price.

If people only knew how comparatively easy it is to make a fine Lawn by using our Lawn Fertilizer and Fancy Lawn Grass Seed there would be no poor Lawns.



Orchard Grass.

Orchard Grass. *Dactylis glomerata*. One of the most valuable of all the cultivated grasses, blooming with Red Clover and making with it admirable hay. As a pasture grass, it is more productive than any other, and does best under close feeding. Sow twenty-five pounds to the acre. 1 lb. 15c; 100 lbs. market price.

We Bring Potash Direct from Germany.



Rough-Stalked Meadow Grass. *Poa trivialis*. A most valuable grass which flourishes in moist rich soils and sheltered situations. It is highly nutritive, and horses, oxen and sheep are very partial to it. Twenty pounds to the acre. 1 lb. 45c.

English Rye Grass. *Lolium perenne*. A strong growing, hardy, perennial grass, noted for its nutritive qualities. It is equally valuable for grazing and hay, and will succeed on any good, tillable land, if well prepared. Also makes a fine lawn. Sow forty or fifty pounds to the acre; for lawns, not less than one hundred pounds. 1 lb. 10c; 100 lbs. market price.

Rye Grass, French. (See Tall Meadow Oat.)

Rye Grass, Italian. *Lolium, Italianicum*. Though a distinct variety, its qualities are similar to the English Perennial, and it will succeed on the same soils. From forty to fifty pounds to the acre should be sown. 1 lb. 10c; 100 lbs. market price.



Italian Rye Grass.

Red Top. *Agrostis vulgaris*. A good perennial grass. Generally sown on permanent pastures. Does well on any soil, but best on moist land. Sow twenty pounds to the acre. 1 lb. 10c; 100 lbs. market price. Free from chaff, 1 lb. 20c.

Sweet Vernal. *Anthoxanthum Odorum*. Valuable to put in pasture mixtures and Lawn Grass, on account of its earliness and its delightful fragrance when in bloom. Sow about thirty pounds to the acre. TRUE PERENNIAL, 1 lb. 90c; ANNUAL, 1 lb. 20c.

Water Meadow Grass. *Poa Aquatica*. An excellent and useful pasture grass for very wet places. Sow twenty pounds to the acre. 1 lb. 40c; 100 lbs. market price.

Wood Meadow Grass. *Poa memorialis*. Adapted for pasture or pleasure grounds, of early growth, thrives well under trees. Thirty pounds to the acre. 1 lb. 50c.

Fowl Meadow Grass, or False Red Top. *Poa serotina*. Yields well when sown on low, moist land, and stands longer in condition for cutting than most grasses. It can be mowed almost any time from July to October. Requires about twenty-five pounds of seed per acre. Sow in spring or fall. Per lb. 35c; 100 lbs. \$28.00.

See our Liberal Discount on all Seed in packets and ounces. Page 5.

Special Discount made on large orders.

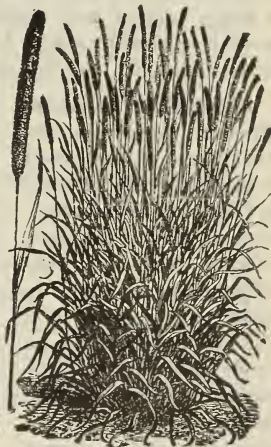


Tall Meadow Oat Grass.

Tall Meadow Oat Grass, or French Rye Grass. *Avena elatior*. A valuable grass for permanent pasture; early luxuriant growth and abundant supply which is relished by cattle early and late; also makes splendid hay. Sow twenty pounds to the acre. 1 lb. 25c; 100 lbs. market price.

Harding's Six Hour Lice Killer is sold under a positive guarantee to refund money if not satisfactory.

TRY IT.



Timothy.

Timothy. *Phleum pratense*. As a grass to cut for hay this is unsurpassed. It does best on moist, loamy soils, and is not suited to light lands. 1 lb. 7c; 100 lbs. market price.

Red Clover. *Trifolium Pratense.* The leading variety of Clover for pastures or meadows. The seed we offer is re-cleaned and free from weeds. Sow twelve pounds to the acre. 1 lb. 14c; 100 lbs. market price.

Mammoth Clover. This variety grows five to six feet high, and is used almost exclusively for plowing under for manure. Sow from twelve to fifteen pounds per acre. 1 lb. 15c; 100 lbs. market price.

White Dutch Clover. *Trifolium repens.* An excellent pasture clover forming in conjunction with Kentucky Blue Grass, the finest and most nutritious food for sheep and cattle. It also makes a beautiful lawn. When sown alone use eight or ten pounds per acre. 1 lb. 20c; 100 lbs. market price.

Alsike, or Swedish Clover. *Trifolium hybridum.* This valuable variety is the hardiest of all the Clovers and is sometimes called Giant White Clover. It is a perennial, therefore adapted for permanent pastures or for hay crop. Its superior pasturage is much liked by cattle. Blossom head round, flesh-colored, sweet and fragrant, much liked by bees. Sow ten pounds per acre. 1 lb. 20c; 100 lbs. market price.



Scarlet or Crimson Clover.

Brilliant scarlet flowered, very productive, and greedily eaten by cattle; remains green longer than the red variety, and is excellent for bee food. Largely used for green manuring. 1 lb. 13c; 100 lbs. market price.

Scarlet Clover.

Espersette Clover, or Sainfoin. *Onobrychia sativa.* A hardy perennial variety. Yields a heavy crop of hay which is easily cured and greatly relished by stock; forty or fifty lbs. to the acre. 1 lb. 20c; 100 lbs. market price.

Alfalfa or Lucerne Clover. *Medicago sativa.* One of the most valuable of the clovers. It resists the driest weather, and when every blade of grass droops for want of moisture it holds up fresh and green. It is the best variety to use on lands that have to be irrigated. Sow fifteen pounds to the acre. 1 lb. 13c; 100 lbs. market price.



Alfalfa or Lucerne Clover.

Bokhara, Sweet or Honey Clover. *Melilotus Alba.* A rapid growing white-flowered sort, excellent for bees. 1 lb. 25c; 100 lbs. market price.

Farm Seeds.

The prices are subject to the market fluctuations. Quotations on large quantities given on application.

Add 10 cents per pound if wanted sent by mail.

Buckwheat, Common. Buckwheat should be sown about the middle of June, broadcast, at the rate of from thirty to forty-five pounds to the acre. It should be thrashed as soon as dry. If allowed to stand in mass, it quickly gathers moisture. 1 lb. 5c; 100 lbs. \$3.00.



Buckwheat, Japanese. This variety excels all others. Will yield much heavier than any other, and it ripens one week to ten days earlier, stands up better and makes better flour than any other kind of Buckwheat. 1 lb. 5c; 100 lbs. \$3.75.

Buckwheat, Silver Hull. This improved variety is much better than the old sort. It is in bloom longer, matures sooner and yields heavier per acre. The grain is of a beautiful light gray color. Buckwheat makes splendid bee pasture. 1 lb. 5; 100 lbs. \$3.50.

Barley. For seed; 1 lb. 3c; 100 lbs. market price.

Bald or Beardless Barley. 1 lb. 3c; larger quantities, market price.

Corn-wheat or German Roggen. A new Cereal that will out-yield corn and double the yield of wheat. In green state it makes excellent pasture, and straw after being threshed makes a good hay. Every farmer should give it a trial. 1 lb. postpaid 15; 10 lbs. 30c; 100 lbs. \$2.25.

Red Kaffir Corn. *Non-saccharine.* The plant is low, stocky, perfectly erect. The whole stalk, as well as the blades, cures into excellent fodder and in all stages of its growth is available for green feed. 1 lb. 7c; 100 lbs. market price.

White Kaffir Corn. 1 lb. 7c; 100 lbs. market price.

Field Peas. Small white. 1 lb. 5c; 100 lbs. \$3.00.

Flax-Seed. Prime, clean seed for sowing. 1 lb. 10c; 100 lbs. market price.

Rape. Dwarf Essex. Good for sheep pasture. May be sown in May; or even after taking off a crop of potatoes. Fall sowing will also give good results. In drills sow five pounds to the acre; broadcast, ten pounds to the acre. 1 lb. 15c; 100 lbs. \$10.00

Cow Peas. Good for fodder, sheep being very fond of them when in flower. Their chief value, however, is as a green crop to plow under. 1 lb. 10c; 100 lbs. \$9.00,

Idaho Pea, or Coffee Berry. A forage plant valuable for semi arid lands. Yields excellent crops of feed for horses, cattle, sheep and poultry. The peas, when nicely browned and ground, make an excellent beverage. 1 lb. 15c; 100 lbs. price given on application.

Soja Beans. A very valuable fodder plant, either for feeding green or for the silo. It is a rich food, and is unsurpassed for forming flesh. Like clover, it improves the soil by drawing its nitrogen from the air. Very productive. 1 lb. 15c; 100 lbs. \$9.00.

Cheat Seed. Now being used quite extensively for hay. 1 lb. 5c; 100 lbs. market price.

Sacaline. Pkt. 10c; 1 oz. 40c; $\frac{1}{4}$ lb. \$1.25; 1 lb. \$4.50.

Lathyrus Sylvestris. Also called flat pea. Pkt. 5c; 1 oz. 20c; $\frac{1}{4}$ lb. 50c; 1 lb. \$1.50,

Fenugreek. Pkt. 5c; 1 oz. 10c; 1 lb. 35c.



Vetches.

Spring Vetches, or Tares. *Vicia sativa.* A species of the pea; grown extensively for stock feeding. It is coming to be recognized as one of the best forage plants for Oregon and Washington. Also very valuable for green manuring. Culture same as for Field Peas. Sow one bushel per acre with wheat or oats. 1 lb. 5c; 100 lbs. \$3.00.

Winter Vetches. *Vicia villosa.* Perfectly hardy and very nutritious. Thrives on poor, arid, sandy soils. Can be cut twice for fodder and again for seed. Sown either in fall or spring, generally with rye for a support. Grows three to four feet high. Sow at the rate of $1\frac{1}{2}$ bushels to the acre. 1 lb. 15c; 100 lbs. market price.

Speltz.

Largely used in Germany for Flour, of which it makes a superior quality. It is unexcelled for feed for horses, cattle, hogs and poultry. Grows well in Oregon and is a heavy producer. Capt. W. H. Pope, County Auditor of Multnomah Co., says "that on fairly good soil it has produced for him 75 bu. per acre and will when introduced become one of the leading grains of the North West."

PREMIUM OFFER. To those who send us an order for \$1.00 worth of Vegetable and Flower seed in packets or ounces, and take advantage of no other premium offer, we will send, postage paid, 1 lb. of this wonderful new cereal **Speltz**. Give it a trial.

FLOWER SEEDS.

Flowers are divided into three classes—Annual, Biennial and Perennial. The annuals are those flowers that bud, blossom and ripen their seed the first season and then die. They are valuable to both the amateur and professional gardener. To them we are mainly indebted for our brightest and best flowers in the late summer and autumn months. Biennials and Perennials are those flowers that live on for two years or more, and, with but few exceptions, do not blossom the first season.

Acroclinium. Exceedingly graceful plants with everlasting flowers. Mixed colors, Pkt. 5c.



Agrostemma. MIXED. Pkt. 5c.

Agrostemma. CORONARIA. (Rose Cam-
pion.) Perennial. Beau-
tiful for beds, ribbons and
borders. Their graceful,
pink like flowers remain
fresh, after being cut, a
long time, and are very
handsome in bouquets.
Thrive in any good soil.

Ageratum. MEXICANUM. Blue. Half-hardy
annual. Fine for bouquets, and useful for beds,
borders and pots. Pkt. 5c; MIXED pkt. 5c.

Agrostis. NEBULSA. Ornamental Grass. A
hardy, annual, ornamental grass; delicate and
graceful; very beautiful. For winter bouquets.
Pkt. 10c.

Alyssum. The well-
known and popular
hardy border plant of
easy cultivation. The
White varieties have a
delicate agreeable fra-
grance, and are very pop-
ular for bouquets..



MARITIMUM. Sweet.
Pkt. 5c.

MARITIMUM. Little
Gem. Pkt. 5c.

Sweet Alyssum.

Amaranthus. Strong growing ornamental
plants for bedding purposes. Half-hardy annual.

MELANCHOLICUS RUBER. Dwarf habit; deep
red foliage. Pkt. 5c.

CAUDATUS. (Love Lies Bleeding.) Graceful
drooping flowers Pkt. 5c.

CRUENTUS. (Prince's Feather.) Handsome,
erect flowers. Pkt. 5c.

TRICOLOR. (Joseph's Coat.) Beautifully varie-
gated; foliage scarlet, yellow and green. Pkt. 5c.

Ammobium. Fine
white, everlasting. Alat-
um Grandiflorum. Pkt.
5c.

Anemone Coronaria.
Beautiful spring flower.
Mixed. Pkt. 5c.

Aster. Very beautiful
and popular half-hardy
annuals growing from ten
to eighteen inches high.
For profusion of flowers
and richness of display,
the Asters are unrivaled.



**Paeony Flowered
Asters.**

CRYSANTHEMUM-FLOWERED. Half Dwarf
White, Scarlet, Lilac, Rose, Mixed. Pkt. 10c.

GIANT COMET. Rose, Crimson, Light Blue,
Snow White, Mixed. Pkt. 10c.

GERMAN QUILLED. Mixed. Pkt. 5c.

TRUFFAUT'S PÆONY PERFECTION. White,
Crimson, Light Blue, Rose, Mixed. Pkt. 10c.

SEMPLE'S LATE-BRANCHING. Mixed. Pkt. 10c.

VICK'S BRANCHING. Mixed. Pkt. 10c.

JEWEL. Mixed. Pkt. 10c.

Auricula. *Primula Auricula.* Beautiful spring
blooming flowers. FINE MIXED. Pkt. 25c.



Balsam.

Balsam. (Lady's Slipper. Touch-me-not.
Exceedingly handsome and attractive.

TALL DOUBLE WHITE. Extra choice. Pkt. 10c

TALL DOUBLE. Mixed. Pkt. 5c.

DWARF DOUBLE. Mixed. Pkt. 10c.

Brachycome. (Swan River Daisy.) A handsome, dwarf-growing free-flowering annual from Australia. CHOICE MIXED. Pkt 5c.

Briza. MAXIMA. Handsome ornamental grass. Fine for winter bouquets. Pkt. 5c.

Calceolaria. Splendid greenhouse plants, with flowers beautifully striped, blotched and variegated. HYBRIDA MIXED. Pkt. 25c.



Carnation.

Carnation. *Dianthus carophyllus*. A well-known half-hardy perennial. Having flowers of delicious fragrance, which are large and beautiful. Grows one-half foot high. EXTRA CHOICE DOUBLE MIXED. Pkt. 20c.

COMMON DOUBLE MIXED. Pkt. 10c.

MARGARET. If sown early in the spring, will flower the first year. Double half dwarf. MIXED. Pkt. 10c.

DOUBLE WHITE, ROSE, STRIPED. Pkt. 15c.

YELLOW. Pkt. 20c.

Calendula. (POT MARIGOLD.) Showy, free-flowering, hardy annuals. Pkt. 5c.

Canary-Bird Flower. *Tropaeolum canariense*. One of the best climbing plants with graceful foliage and yellow blossoms. Pkt. 5c.

Canna. (INDIAN SHOT). Ornamental, tropical-looking plants, of easy culture, the Crozy varieties having especially large and beautiful flowers. Crozy's fine mixed. Pkt. 10.

Centaurea (Dusty Miller). Dwarf, silvery foliage plants, desirable for beds and edgings. CANDIDISSIMA. Pkt. 10.

CYANUS. (Bachelor's Button or Cornflower.) Well known, constant blooming annual; valuable for bouquets. Mixed. Pkt. 5c.

DOUBLE. Finest mixed. Pkt. 5c.

NANA COMPACTA HYBRIDA; dwarf, fine for pots and edging. Pkt. 10c.

ODORATA CHAMELEON. Pkt. 10c.

MARGARITÆ Pkt. 10c.

"Chameleon" and "Margaritæ" are superb new sorts, with very large and fragrant flowers; fine for cutting.



Calliopsis.

Calliopsis, or Coreopsis. (BLACK-EYED SUSAN.) A hardy annual, very showy and attractive. It is branching, and is covered with a mass of bright flowers of all shades of yellow, with a dark, velvety center.

CHOICE MIXED. Pkt. 5c.

Castor Bean. *Ricinus*. Highly ornamental, half-hardy annuals, of stately growth and having large leaves of bronze or glossy green.

SANGUINEUS. Brilliant scarlet. Pkt. 5c.

BARBONIENSIS ARBOREUS. The largest variety. Tall and stately. Pkt. 5c.

MIXED. Best varieties. Pkt. 5c.

Catchfly. *Silene*. A hardy annual about one foot high. Mixed. Pkt. 5c.

Celosia. Graceful, free blooming plants. They can be grown in pots for the conservatory, or may be planted out after danger of frost is past. Half-hardy annuals.

CRISTATA. (COCKSCOMB). Finest varieties. Mixed. Pkt. 5c.

PLUMOSA. Mixed colors of great brilliancy. Pkt. 10c.

OSTRICH FEATHERED MIXED. Pkt. 10c.

THOMPSON'S SUPERB FEATHERED MIXED. Pkt. 10c.

TRY SLUG SHOT FOR BUGS.

Candytuft. Iberis. Well-known, hardy plants, thriving almost anywhere, and producing a profusion of bright, cheerful flowers.



Candytuft.

Clarkia. Pretty, free-flowering plants of the easiest cultivation, the double being especially fine.

DOUBLE MIXED. Pkt. 5c.

Canterbury Bells. (*Campanula*.) One of the best known hardy flowers, succeeding well in any situation.

SINGLE MIXED. Pkt. 5c.

DOUBLE MIXED. Pkt. 10c.

Cobaea Scandens. A rapid growing climbing plant bearing purple flowers. Should be started in the house and afterwards transplanted out doors. Pkt. 10c.



Canterbury Bells.

Cyclamen Giganteum. The seed produces bulbs from which beautiful flowers are produced within twelve months time. The Cyclamen is especially fine for pot culture in parlor or greenhouse.

PERSICUM. MIXED. Pkt. 10c.

GIGANTEUM HYBRIDUM MIXED. Pkt. 25c.



Cineraria.

Cineraria Hybrida.

Among the finest blooming greenhouse plants, of bright, distinct colors.

FINEST MIXED. Pkt. 25c.

MARITIMA. Dusty Miller). Silvery foliage plant, beautiful for ribbon-beds and edgings. Pkt. 5c.

Columbine Elegant, free-flowering, hardy perennials, preferring a moist, sunny situation. Pkt. 5c.



Cosmos.

Cosmos. Tall-growing, showy autumn-blooming plants, which have gained rapidly in favor within the last few years, the mammoth varieties being especially fine.

MAMMOTH WHITE. Pkt. 10c.

MAMMOTH PINK. Pkt. 10c.

MAMMOTH CRIMSON. Pkt. 10c.

YELLOW AND MIXED. Pkt. 10c.

Chrysanthemum. The annual varieties are very showy, effective and desirable as summer flowering border plants.

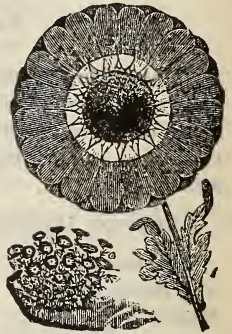
CORONARIUM, double white, Pkt. 5c.

TRICOLOR, mixed double, Pkt. 5c.

FRUTESCENS (Marguerite or Paris Daisy) White star-like flowers with yellow center. Pkt. 10c.

JAPANESE PERENNIAL, mixed from prize sorts. These are the Queens of Autumn. Pkt. 10c.

Our SWEET
PEA SEED is of
the very finest
strain and will
produce flowers of
unequaled beauty.



Chrysanthemum Annual.

Cypress Vine.

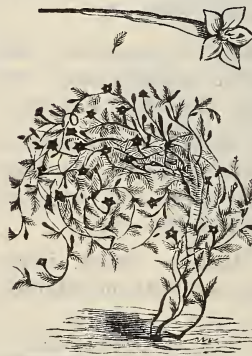
Ipomoea quamoclit. A climbing annual of rapid growth, having handsome fern-like foliage and a profusion of bright, attractive flowers.

MIXED. All colors. Pkt. 5c.

Dracaena. Ornamental green-house plant. Very desirable.

DRACO, Pkt. 25c.

INDIVISA LINEATA, Pkt. 10c.



Cypress Vine.



Daisy.

Daisy. (*Bellis perennis*). A well-known and popular perennial plant, bearing beautiful flowers.

DOUBLE MIXED. Pkt. 15c.

DOUBLE WHITE Pkt. 15c.

Dahlia. A magnificent fall-blooming bulbous-rooted plant, which can be readily started from seed.

TALL DOUBLE MIXED. Pkt. 15c.

DWARF DOUBLE MIXED. Pkt. 15c.

DWARF SINGLE MIXED. Pkt. 10c.



Dahlia.

Datura. FASTUOSA. Trumpet flower. Half-hardy. perennial plants, producing large, sweet-scented, trumpet-shaped flowers. Succeeds in almost any soil. Pkt. 5c.



California Poppy.

Eschscholtzia (California Poppy). Showy bedding flowers of easy growth, quite popular.

CALIFORNICA, yellow, Pkt. 5c.

MIXED, Pkt. 5c.

DOUBLE MIXED, Pkt. 5c.

Euphorbia Variegata. Fine variegated foliage. Pkt. 5c.

Echinocystis Lobata. (Wild Cucumber.) A rapid-growing climber. Very good for covering old fences or trellises. Pkt. 5c.

Four o'clock. *Marvel of Peru.* Having handsome, free-flowering, sweet-scented, various-colored blossoms.

MIXED. Pkt. 5c.

Fox-Glove. *Digitalis.* A well-known hardy border plant.

PURPUREA, mixed. Pkt. 5c.

GLOXINIA FLOWERED. Pkt. 5c.

Forget-Me-Not.

Myosotis. Beautiful spring favorites, of easy growth.

ALPESTRIS BLUE.

Pkt. 10c.

MIXED. Pkt. 10c.

PALUSTRIS, the true "forget-me-not" of Europe. Pkt. 10c.



Forget-Me-Not.

Gaillardia. Showy and free-bloomers, very pretty and good bedders. Fine for bouquets.

MIXED. Pkt. 5c.

Gentiana. *Cruciata.* Fine hardy plants, bearing showy flowers of a blue color. Pkt. 10c.

Geum. Hardy, free-blooming plants.

GHILOENSE, SCARLET. Pkt. 5c.

Gilia. Free-blooming annuals, fine for beds, MIXED. Pkt. 5c.

Globe Amaranth *Gomphrena.* An old favorite everlasting flower. MIXED. Pkt. 5c.

Godetia. Fine, profuse-blooming, hardy annuals of beautiful colors. FINE MIXED. Pkt. 5c.

Grevillea Robusta. The Silk Oak. Very beautiful and graceful foliage. Pkt. 10c.

Gourds. Excellent for arbors, trellises, etc.; of rapid growth and bearing curious fruits of various sorts.

DISH CLOTH, DIPPER OR BOTTLE, EGG-SHAPED. Each, Pkt. 5c.

LARGE VARIETIES MIXED. Pkt. 5c.

SMALL VARIETIES MIXED. Pkt. 5c.

Gloxinia. Beautiful greenhouse plants. They grow well in a light rich soil. HYBRIDA MIXED. Pkt. 50c.



Gloxinia.

Gypsophila. A pretty, free-flowering little plant, very desirable for baskets, edgings, or winter bouquets.

PANICULATA. (Baby's Breath.) Pure, white, fine. Pkt. 10c.

Hyacinth Beans. *Dolichos Lablab.* A rapid-growing, free-flowering vine, fine for screens. **MIXED.** Pkt. 10c.



Heliotrope.

Heliotrope. Beautiful, fragrant greenhouse and bedding plant. **MIXED.** Pkt. 10c.

Helichrysum. Everlasting Flower. Very ornamental, hardy annuals for the garden, and one of the best for winter bouquets. **DOUBLE MIXED.** Pkt. 5c.

Hibiscus. Fine, showy plants, with glossy leaves and large, brilliant flowers. In bloom throughout the entire season. Hardy annuals of easy cultivation. **EXTRA MIXED.** Pkt. 10c.

Hollyhock. *Althea.* The Hollyhock has been greatly improved of late, and should now have a place in every garden

CHATER'S. Choice Double Mixed. Pkt. 5c.

DOUBLE, CRIMSON, SCARLET, WHITE, and YELLOW. Pkt. 10c.



Hollyhock.

ALLEGHENY. Double Choice Mixed. Pkt. 10c.

Ice Plant. *Mesembrianthemum crystallinum.* An interesting plant. Fine for hanging baskets. Pkt. 5c.

Ipomopsis. Bright and beautiful flowers. **MIXED.** Pkt. 5c.

Kaulfussia. Pretty, free-flowering plants of compact growth, fine for beds or mixed borders. **MIXED.** Pkt. 5c.

Lantana. A handsome, free-flowering plant with brilliantly colored flowers. Finest Varieties **Mixed.** Pkt. 10c.

Larkspur. *Delphinium.* Free-blooming, hardy plants of erect branching habits, and of easy cultivation.

DWARF GERMAN ROCKET. Mixed. Pkt. 5c.

TALL-BRANCHING. Mixed. Pkt. 5c.



Lobelia

Lobelia. Delicate, low growing, annual plants, of the greatest value for borders, ribbons, edgings, rock-work and hanging baskets.

FINEST MIXED. Pkt. 10c.

ERINUS. (Crystal Palace Compacta.) Dwarf, dark blue. Pkt. 10c.

Leptosiphon. Beautiful both in flower and foliage, attractive in beds or ribbons. **CHOICE MIXED.** Pkt. 5c.

GRANDIFLORUM RUBRUM. Crimson Flax. Pkt. 5c.

Lychnis. Ornamental plants of easy culture; strikingly effective in mixed flower and shrubbery borders.

HAAGEANA HYBRIDA. Showy and beautiful. **MIXED.** Pkt. 10c.

Maize. *Zea Japonica.* Has beautiful striped leaves, being an ornamental variety of corn. Pkt. 5c.

Mimulus MOSCHATUS (Musk-plant). Cultivated for its rich, musky odor. Should have a rich soil and ample moisture. Pkt. 10c.

TIGRINUS GRANDIFLORUS. (Monkey Flower.) Mixed, beautifully spotted, all colors. Pkt. 10c.

Mimosa. *Pudica.* (Sensitive Plant.) Very curious and interesting plant, its leaves closing if touched or shaken. Pkt. 5c.

Moon Flower. *Ipomea Mexicana grandiflora.* Rapid-growing climber belonging to the Morning Glory family. The flowers are large, waxy white and very showy. Pkt. 10c.



Imperial Japanese
Morning Glory.

Morning Glory. *Convolvulus Major and Minor.* The tall varieties are popular, well-known, rapid growing climbers, of the easiest cultivation. The Minor or Dwarf varieties flower very freely and do not require support. The flowers are very showy and beautiful.

CONVOLVULUS MAJOR. Tall. Choice Mixed. Pkt. 5c.

CONVOLVULUS MINOR. Dwarf Mixed. Pkt. 5c.

IMPERIAL JAPANESE. Has very large flowers in great variety of most exquisite colorings, and handsome variegated foliage. Mixed. Pkt. 10c.

Marigold. *Ta-getes.* The Marigolds are well-known, hardy annuals of easy cultivation. The colors are gold, orange and varying shades of these colors. They flower early and bloom all summer.



Marigold.

AFRICAN. Double Mixed. Pkt. 5c.

AFRICAN. Double Dwarf, Pride of the Garden. Pkt. 10c.

FRENCH. Double Mixed. Pkt. 5c.



Mignonette.

Mignonette. *Reseda.* Very fragrant, free-flowing annuals, fine for both pot and bedding purposes.

ODORATA GRANDIFLORA. (Sweet.) Very fragrant. Pkt. 5c.

MACHET. Well adapted for pot culture, dwarf, pyramidal growth, flowers red. Pkt. 10c.

GOLDEN. Similar to the above, but yellow in color. Pkt. 10c.

PARSON'S WHITE. Nearly white and very fragrant. Pkt. 5c.

GOLDEN QUEEN. Dense dwarf growth. Pkt. 5c.

ALLEN'S DEFIANCE. The largest variety and intensely fragrant. Pkt. 10c.

GIANT PYRAMIDAL. Pkt. 5c.



Nasturtium.

Nasturtium. *Tropaeolum.* Both the leaves and flowers of the Common Tall Nasturtium are very handsome for table decorations. The Lobbianums are, however, superior to the common varieties. The flowers are larger, more compact, richer and more varied in color. All Nasturtiums are rapid growers, flowering best where the soil is not too rich. Hardy annuals.

TALL VARIETIES.

SCARLET, CARMINE, CRIMSON, BRIGHT YELLOW, GOLDEN YELLOW, ORANGE. Separate colors; each Pkt. 5c; 1 oz. 15c.

LOBBIANUM VARIETIES. The very finest flowering kinds. Mixed. Pkt. 5c; 1 oz. 15c.

MADAME GUNTER'S HYBRIDS. A new race from France, having a richness of color and a variety of brilliant shades and markings hitherto unknown. Pkt. 5c; 1 oz. 15c.

COMMON VARIETIES. Fine Mixed. Pkt. 5c; 1 oz. 10c.

DWARF VARIETIES.

SCARLET, DARK CRIMSON, GOLDEN KING, WHITE PEARL, EMPRESS OF INDIA, Dark leaves. Crimson flowers. Separate colors; each, Pkt. 5c; 1 oz. 15c.

DWARF FINE MIXED. Pkt. 5c; 1 oz. 15c.

Nemophila. Beautiful bedding and border flowers of easiest growth. Should be in every garden. Mixed. Pkt. 5c.

Nigella (Love-in-a-Mist, or Devil-in-the-Bush.) Compact-growing, free-flowering plants, with curious looking, showy flowers and finely-cut foliage. Mixed. Pkt. 5c.



Trimardeau Pansy.

Pansies are the most popular of all flowers grown from seed. They furnish a profusion of bright showy flowers of a great variety of rich colors, shades and markings, throughout the entire season, the flowers remaining perfect a long time. They should have the richest soil, abundant moisture, and a shaded locality. To get the largest flowers the seed should be sowed in the fall. Then the plants will bloom early next spring. The seed that we offer of these favorites is from fine strains, and will well repay growing.

Giant Trimardeau. The flowers are of immense size and exquisitely marked.

- TRIMARDEAU WHITE. Pkt. 15c.
 " YELLOW. Pkt. 15c.
 " VIOLET BLUE. Pkt. 15c.
 " KING OF THE BLACKS. Pkt. 15c.
 " STRIPED. Pkt. 15c.
 " MIXED. Pkt. 15c.



King of the Blacks.

BUGNOT'S SUPERB
BLOTCHED. Pkt. 25c.

CASSIER. Three and five-blotted giant. Pkt. 20c.

FAUST, OR KING OF THE BLACKS. This is an exceptionally fine strain of this handsome variety and we recommend it highly. Pkt. 10c.

Odier, or Blotched. Superb, large flowers beautifully blotched with rich and varied colors. Extra mixed. Pkt. 20c.

PARISIAN LARGEST SPOTTED. New, very large flowering. Pkt. 15c.

EMPEROR WILLIAM. Indigo, dark center. Pkt. 5c.

PRES. CARNOT. A fine new variety of the Odier type. Pkt. 15c.

VICTORIA. Claret Red. Pkt. 15c.

COQUETTE DE POISSY. New, Mauve. Pkt. 10c.

ALBA PURA. Lady in white, pure white. Pkt. 15c.

AUREA PURA. Yellow Gem, pure yellow. Pkt. 15c.

FANCY STRIPED. Large flowered. Pkt. 10c.

LARGE WHITE. Pure white. Pkt. 5c.

LIGHT BLUE. Pkt. 5c.

MAMMOTH MIXED. Pkt. 15c.

EXTRA MIXED. Pkt. 10c.

FINE MIXED. Pkt. 5c.



Fancy Striped.

Pampas Grass. *Gynerium argenteum.* A noble, perennial, ornamental grass, easily grown from seed, producing majestic plumes that are inimitable for winter decorations. Pkt. 10c.

Pentstemon. Beautiful herbaceous perennial, very hardy and free-flowering. MIXED. Pkt. 5c.

Perilla Nankinensis. Attractive ornamental-leaved plants. Pkt. 5c.

A. BLANG
Petunia.

Use JADOO
 FIBER for a pot-
 ting earth. It will
 invigorate and put
 new life into your
 plants.

Petunia. Most valuable plants, succeeding well everywhere. They are particularly showy in beds or masses, and are universal favorites on account of their richness of color, fragrance and continuous blooming. Hardy perennial, blooming the first year.

FINE SINGLE. MIXED. Pkt. 5c.

LARGE FLOWERED WHITE. Pkt. 10c.

DOUBLE MIXED. Choice Hybrids. Pkt. 25c.



Portulaca.

Portulaca.

(Rose Moss.)

Unrivalled for the brilliancy and delicacy of their colors. Great favorites everywhere. Single Mixed, 5 cents. Double Mixed 10c.

Pyrethrum. *Parthenium Aureum.* (Golden Feather.) Golden foliage invaluable for bedding purposes. Pkt. 10c.

Selagenoides. Fine, fern-leaved. Pkt. 10c.

Phlox Drummondii. These flowers are of extreme beauty and are greatly admired by all. Their long duration in bloom, combined with their almost-unequaled richness of color, renders them of invaluable service in the general flower garden. Half-hardy annuals.



Phlox Drummondii.

Grandiflora. Fine Mixed. Pkt. 5c.

" Scarlet. Pkt. 5c.

" White. Pkt. 5c.

Phlox Decussata, Perennial. Fine Mixed. Pkt. 10c.



Pinks.

Pink (*Dianthus*) For beauty, fragrance and general utility cannot be excelled.

CHINENSIS FL. PL. (China or India Pink.) Double mixed. Pkt. 5c.

HEDDEWIGII FL. PL. Color varies from richest velvety crimson to delicate rose. Pkt. 10c.

LACINIATUS FL. PL. Fine double fringed,

finest assorted colors. Pkt. 5c.

PLUMARIUS. Fine Mixed Pkt. 5c.



Poppies.

Poppy. *Papaver.* A genus of showy, free-flowering plants, producing a rich effective display in large mixed borders.

DOUBLE CARNATION. Mixed, handsome and well-known species with double flowers of various colors. Mixed. Pkt. 5c.

SHIRLEY, white through delicate shades of pink to crimson. Best mixed Pkt. 10c.

NUDICAULE. (Iceland Poppy.) Large and showy; splendid alpine. Pkt. 10c.

DANEBROG. (Danish Flag). Scarlet, with a white spot at the base of each petal; brilliant. Pkt. 5c.

DOUBLE SCARLET. Pkt. 5c. **DOUBLE WHITE.** Pkt. 5c. **DOUBLE AMERICAN FLAG.** Pkt. 5c. **BRAC-TEATUM.** Hardy Perennial. Very showy. Red. Pkt. 5c.

Primula (Primrose). The first varieties named below are hardy, early blooming garden plants, and the others beautiful winter-blooming house plants.



Primrose.

POLYANTHUS. Early-blooming, dwarf-growing plants, valuable for beds. Mixed. Pkt. 10c.

VULGARIS. Yellow, common English Primrose. Pkt. 10c.

JAPONICA. (Japanese.) Mixed, all colors. Pkt. 10c.

SINENSIS FIMBRIATA. Choice fringed varieties. Mixed. Pkt. 25c.

ALBA MAGNIFICA. Large White. Pkt. 25c.

RUBRA. Large Red. Pkt. 25c.

DOUBLE FINEST MIXED. Pkt. 50c.

Salpiglossis. An annual having very showy, funnel-shaped flowers of large size. Fine for bedding purposes in rich soil.

TALL MIXED. Pkt. 5c.

FINE DWARF MIXED. Pkt. 5c.



SWEET PEAS.

The seed should be sown as early as practical, in drills six inches deep. At time of sowing cover only with one inch of soil and fill in the drill as the young plants grow, taking care not to cover the top of the plants. A deep rich soil in a sunny situation is best. Our stock is from the largest Sweet Pea growers in the United States, and is equal in quality to that offered by any Eastern firm. We offer them at the following prices except as otherwise noted.

Pkt. 5c; 1 oz. 10c; 2 oz. 15c; 1-4 lb. 25c; 1 lb. 60c.

WHITE.

Blanche Burpee. Eckford's large pure white.

Emily Henderson. Large; blooms early and profusely.

Cupid. The first genuine dwarf sweet pea. pure white. Pkt. 5c; 1 oz. 20c.

YELLOW.

Mrs Eckford. Beautifully shaded primrose yellow.

Golden Gleam. Beautiful Primrose; the finest yellow.

PINK.

Blushing Beauty. Very fine, delicate pink.

Katherine Tracy. Soft, but brilliant pink.

Lovely. Soft Shell-pink; most beautiful and large.

Prima Donna. A most lovely shade of soft pink.

Pink Cupid. Like the White Cupid except in color. Pkt. 5c.

ROSE.

Her Majesty. Bold flowers of a most beautiful rose color.

Lady Penzance. Standard orange pink; wings pure pink.

Ovid. Rose-pink, margined with deeper rose.

SCARLET.

Brilliant. Newest and brightest scarlet. Pkt. 5c; 1 oz. 10c; $\frac{1}{4}$ lb. 30c.

Firefly. A deep brilliant scarlet; truly a fiery shade.

Mars. Brilliant scarlet, fine form, but blackens under strong sun.

Salopian. New bright crimson scarlet. A constant bloomer. Pkt. 5c; 1 oz. 10c; $\frac{1}{4}$ lb. 30c.

BLUISH.

Captain of the Blues. Purplish-mauve and pale blue.

Imperial Blue. Blue and rose claret.

LAVENDER.

Countess of Radnor. Pale mauve, or lavender. Pkt. 5c; 1 oz. 10c; $\frac{1}{4}$ lb. 30c; 1 lb. 70c.

New Countess. The best new lavender. Pkt. 5c; 1 oz. 10c; $\frac{1}{4}$ lb. 30c; 1 lb. 70c.

Celestial. Delicate lavender, bordering on light blue. 1 oz. 10c; $\frac{1}{4}$ lb. 30c; 1 lb. 70c.

Lady Nina Balfour. New. Extra fine. Pkt. 5c; 1 oz. 10c; $\frac{1}{4}$ lb. 30c; 1 lb. 70c.

MAUVE.

Dorothy Tennant. Standard rosy-mauve; wings bluish-mauve.

Emily Eckford. Standard light reddish-mauve; wings a true blue.

MAROON.

Boreatton. Very dark, large flowers.

Shahzada. New. A rich, dark, velvety maroon.

Stanley. Rich, dark maroon.

MAGENTA.

Captivation. Beautiful, light magenta or claret color.

BLENDINGS AND VARIEGATED.

Aurora. Flaked orange-salmon.

America. The brightest blood red striped.

Blanche Ferry. The popular pink and white.

Blanche Ferry, Extra Early. Same as above, except about ten days earlier.

Crown Jewel. Primrose ground, veined with violet rose; charming.

Coquette. Primrose yellow, shaded with pale lavender.

Countess of Aberdeen. Soft pink, turning lighter.

Countess of Powis. New. Standard bright orange-salmon; wings pink veined.

Emily Lynch. Deep rose-pink, shaded buff; softer in wings.

Gray Friar. Beautiful watered purple on white ground.

Lottie Eckford. White suffused with lavender-blue.

Maid of Honor. Grayish-white with heliotrope-blue edges.

Meteor. Standard orange-salmon; wings light pink.

Royal Rose. The standard deep rosy-pink; the wings are a most charming, light rosy-pink.

Senator. White, striped with chocolate and purple.

Triumph. New. Rosy-pink standard, white wings.

Venus. Lovely salmon-buff, shaded rosy-pink.

Named Varieties Mixed. A mixture of the above fine varieties. Pkt. 5c; 1 oz. 10c; $\frac{1}{4}$ lb. 25c; 1 lb. 60c.

Eckford's Hybrid's Mixed. Mixed seeds from the best varieties introduced by this celebrated grower. Pkt. 5c; 1 oz. 10c; $\frac{1}{4}$ lb. 20c; 1 lb. 60c.

Extra Mixed. Large flowered. 1 oz. 10c; $\frac{1}{4}$ lb. 20c; 1 lb. 50c.

Pea, Everlasting. *Lathyrus latifolius*. Hardy perennial climber. Flower similar to Sweet Peas, but not fragrant. WHITE. Pkt. 10c. MIXED. Pkt. 5c.

Sweet Rocket. *Hesperis*. Free-blooming and very fragrant. White. Pkt. 5c.



Stocks.

Stocks. (German Ten Weeks.) Unsurpassed for beauty and fragrance. Fine for pots, bedding, edgings, etc., blooming all summer. Fine Mixed. Pkt. 5c.

DWARF LARGE FLOWERING. Mixed. Pkt. 10c.

DWARF LARGE FLOWERING. White. Pkt. 10c.

CRIMSON. Pkt. 10c. **ROSE.** Pkt. 10c.

LIGHT BLUE. Pkt. 10c.

EMPEROR, OR PERPETUAL. Large-flowering. White. Pkt. 10c. Mixed. Pkt. 10c.

WINTER OR BROMPTON. Large flowering. White. Pkt. 10c. Mixed. Pkt. 10c.

Salvia. (Sage.) Salvias make fine bedding plants, being easily grown, free flowering and very showy. Splendens, Scarlet. Pkt 10c.



Salvia.

Saponaria. Charming little plants, flowering all the season. Fine Mixed. Pkt. 5c.

Sweet William. *Dianthus barbatus*. The colors are very brilliant, ranging from snow-white to darkest crimson and purple. Hardy perennial. SINGLE MIXED. Pkt. 5c. DOUBLE MIXED. Pkt 5c.



Scabiosa.

Schizanthus. Attractive looking, free blooming annual, bearing beautiful flowers of many shades of color. Pkt. 5c.

Scabiosa. (Mourning Bride.) Showy border plant, with fine variegated flowers.

DWARF DOUBLE MIXED. Pkt. 5c.

Smilax. *Myrsiphyllum Asparagoides.* A graceful climbing plant, beautiful when cut, for house and table decorations. Pkt. 10c.

Sunflower. *Helianthus.* Large, showy plants, especially suitable for backgrounds and shrubby borders.

NANUS FOLIUS VARIEGATIS. Dwarf with variegated foliage. Pkt. 5c.

CALIFORNICUS. Orange, extra large and double. Pkt. 5c.

GLOBULUS FISTULOSUS, FL. PL. Saffron, very double. Pkt. 5c.

MULTIFLORA, FL. PL. Beautiful, double, yellow flowers. Pkt. 5c.

LARGE RUSSIAN SINGLE. Pkt. 5c.

Sweet Sultan. *Centaurea.* Pretty border annual, with long stems. Do not transplant. Fine for cutting. Pkt. 5c.

Statice. Very free-flowering; the flowers are valuable for winter bouquets. Pkt. 5c.

ANNUAL VARIETIES. Mixed. Pkt. 5c.

PERENNIAL VARIETIES. Mixed. Pkt. 5c.



Snapdragon.

Snapdragon.

Antirrhinum. One of the finest free-blooming perennials, especially good for beds and borders.

TALL, FINEST MIXED. Pkt. 5c.

DWARF FINEST MIXED. Pkt. 5c.

Thunbergia. An interesting class of plants of easy culture and attractive bloom. Fine Mixed. Pkt. 5c.

Violet. *Viola Odorata.* Early-blooming plants. Useful for borders, rock work and bedding. Exceedingly fragrant, a few flowers being sufficient to fill a room with their delicious fragrance. Thrives best in a cool, shady place. Hardy perennial of easy cultivation. **BLUE.** Pkt. 10c. **WHITE.** Pkt. 10c.

Vinca. Fine for conservatory, parlor, borders or beds. Mixed. Pkt. 10c.

Viscaria. (Rose of Heaven.) Adapted either for beds, edgings or clumps, their profuseness of bloom will always rank them among general favorites. Hardy annuals. Fine Mixed. Pkt. 5c.



Mammoth Verbena.

MAMMOTH. Extra fine Mixed. Pkt. 10c.

CANDIDISSIMA. White. Pkt. 10c.

HYBRIDA DEFIANCE. Fiery scarlet. Pkt. 10c.

STRIPED, BLUE. Each, per pkt. 10c.

Valeriana. Fine border plants, with sweet-scented flowers. Fine Mixed. Pkt. 5c.

Virginian Stock. A fine early flowering plant. Mixed. Pkt. 5c.

Wall Flower. *Cheiranthus cheri* A well-known, half hardy perennial, producing spikes of beautiful, exceedingly fragrant flowers. The petals are velvety; the color deep orange shading to brown; rich and handsome. If taken in or protected they will bloom all winter. Mixed. Pkt. 5c.

BROWN, YELLOW. Each, pkt. 5c.

FINEST DOUBLE. Mixed. Pkt. 10c.

NEW ANNUAL. One of the most valuable of recent introductions, flowering the first year from seed Pkt. 5c.



Single Wallflower.

Zea. Japonica Variegata. (Ornamental Maize.) Prized for its beautiful, variegated foliage. Finest Mixed, all varieties. Pkt. 5c.

Zinnia Elegans. Fine bedding and border plants of easiest cultivation, and should be in every collection.

TALL DOUBLE. Mixed. Pkt. 5c.

DWARF DOUBLE. Mixed. Pkt. 5c.



Zinnia.

FLOWERING BULBS.

We are constantly increasing the variety and quantity of the summer flowering bulbs which we handle. Our list of Japanese Lilies is worthy of special attention. It is the most complete assortment ever offered in the Northwest, and we are sure cannot fail to please the lover of handsome flowers. Try a bed of them this year. Send for bulb catalogue issued in the fall.

Bleeding Heart. Produces freely large racemes of pink and white heart-shaped flowers. Graceful foliage. Each, by mail, 30c.

Caladium Esculentum, or Elephant's Ear. Large size, 40c; per doz. \$4.00, postpaid. Medium size, 30c; per dozen, \$3.00, postpaid.

Cinnamon Vine. A tuberous-rooted climber that grows with great rapidity, quickly covering walls, trellises, etc. Bright, green, dense foliage. 10c. each, postpaid.

Dahlia Double. When ordering state color wished. Medium size, each 15c; per doz. \$1.50, postpaid; large size, each 20c; per doz. \$2.00 postpaid.

Cactus Dahlia. Medium size, each 15c; per doz. \$1.50, postpaid. Large size, each, 20c; per doz. \$2.00 postpaid.

Gladiolus. A magnificent class of summer-flowering bulbs.



PURPLE, YELLOW, LIGHT AND WHITE, large size, each, 10c; per doz. 85c; medium size, each 7c; per doz. 65c; regular size, each, 5c; per doz. 50c. Mixed Colors, large size, each, 10c; per doz. 65c; medium size, each, 5c; per doz. 50c. All postpaid.

LEMOINE VARIETIES MIXED. Each, 15c.

Lemoine Gladiolus. per doz. \$1.50, postpaid.

Lily of the Valley. FORCING PIPS. Each 5c; per doz. 30c; per doz. by mail, 40c.

BOOKS.

We offer a list of valuable books for the Gardener, Farmer, Fruit Grower, Bee Keeper, Poultry man, and others in similar lines. Do not fail to inform yourself, by reading some good book on the line you are especially interested in. Any of them will be mailed postpaid at the prices named.

A. B. C. of Bee Culture —Root. (cloth).....	\$1.15
Amateur Bee Keeper —Rouse.....	25
A Year Among Bees —Dr. C. C. Miller.....	50
American Standard of Perfection — The standard for scoring Poultry....	1.00
Art of Incubation —Von Culin.....	85
Art of Poultry Breeding	25
Asparagus Culture —Barnes and Robin- son.....	50
Barry's Fruit Garden —A splendid work.....	1.50
Blanchard's Account Book	40
Bee Keepers' Guide —Prof. A. J. Cook..	1.25
Bommer's Method of Making Manures A practical and comprehensive guide.....	25
Belgian Hare Breeding	25
Capons for Profit —Greiner.....	30
Dairying for Profit	25
Garden and Farm Topics —Henderson.....	1.00
Gardening for Profit —Henderson.....	1.50
Gregory on Fertilizers	40
How to Manage Bees —Vandruff.....	30

Langstroth on the Hive and Honey- Bee	1.25
Low Cost Poultry House	25
Manures —F. W. Semper, (paper).....	50
Mushrooms, How to Grow Them — Wm. Falconer.....	1.00
Mushroom Culture —Robinson.....	50
New Onion Culture —Greiner.....	50
Parsons on the Rose	1.00
Pigeon Queries	25
Quimby's New Bee-Keeping	1.50
Small Fruit Culturist —Fuller.....	1.00
Strawberry Culturist —Fuller.....	25
Success in Bee Culture —Heddon.....	50
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Thirty Years Among Bees —Alley.....	53
Turkeys and How to Grow Them	1.00
Vegetables Under Glass —Dreer.....	25
500 Questions and Answers	25

Remember, we issue Catalogues of

Bee Keepers' Supplies.

Poultry Keepers' Supplies.

Flowering Bulbs.

Trees and Shrubby

All of which are **Free.**

Write for whichever one you want.

SPRAY PUMPS.

Now that spraying has come to be recognized as a necessity, you cannot well afford to be without a good Spray Pump, which is one of the most useful implements in a first-class orchard.

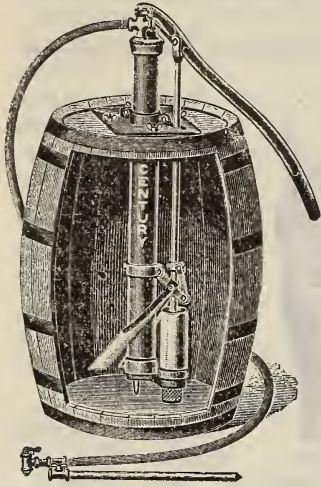


Fig. 645. Century.

The Deming Pump. This is one of the best pumps manufactured. The Deming New Agitator agitates. We call this the *only* agitator because *no other* thoroughly agitates the liquid. Without an efficient agitator, the nozzles, the valves and the suction strainer may clog up, cause the pump to

work hard and not give satisfaction. The Deming Pumps overcome these difficulties. Try it and decide for yourself.

The "Century" Pump. Very latest improved with brass working parts, submerged brass cylinder, brass ball valves, "Everlasting" plunger packing and mechanical agitator. The coming pump.

CENTURY—Pump only. \$14.00.

OUTFIT C. Fig. 645. Pump with 10 feet 4-ply hose and nozzle. No barrel. \$16.00.

OUTFIT C. C. The same as outfit C. but with 25 feet 4-ply hose and 8 feet pipe extension. No barrel. \$19.00.

The "Simplex" Spray Pump, Fig. 550, is a first class orchard sprayer. The working parts are made of brass. The Discharge is provided with Double Y connection, so that one or two sections of hose may be used at will.



Fig. 550. Simplex.

OUTFIT C. Fig. 550 Spray Pump with 10 feet of ½ inch 4-ply hose, with one spray nozzle. Has Double Discharge Y. without barrel. \$9.50.

OUTFIT C. C. The same as Outfit C. but with 25 feet instead of 10 feet of hose; and 8 feet pipe extension. No barrel. \$11.50.

The Deming "Peerless." Working parts all brass; has mechanical Agitator and is a very serviceable pump.

OUTFIT C. Pump with 10 feet ½ inch 4-ply hose and nozzle. No barrel. \$12.50.

OUTFIT C. C. Pump with 25 feet ½ inch 4-ply hose, nozzle, pole connection, 8-foot pipe extension with Globe valve. No barrel. \$15.00.



Fig. 549. Peerless.

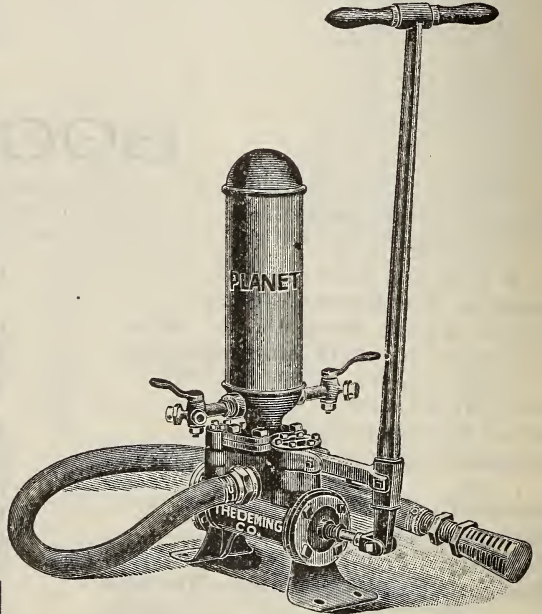


Fig. 610. Planet Pump.

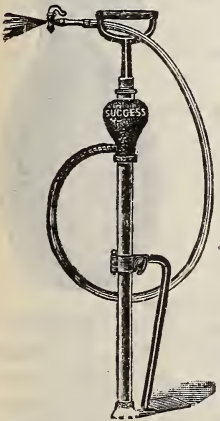
The Planet Pump. A powerful pump for spraying large orchards and buildings. Arranged for one, two, three or four lines of hose. The cylinder is lined with heavy brass, and the pump is supplied with four feet of wire-lined suction hose and brass globe strainer. Price, Pumps only, \$18.00.

Pumps, with 50 feet 4-ply hose, two-pipe extensions with Globe valves, two nozzles, suction hose, \$30.00.



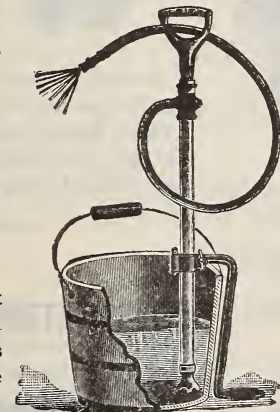
Prize Knapsack Pump.

The Prize Knapsack Pump. A Knapsack and Bucket Sprayer combined 5 Gallon Galvanized Iron Tank. Brass Pump with Bronze Ball Valves. Price \$7.50.



Success.

Prize Bucket Spray Pump. A first-class cheap Brass Spray Pump. Price \$3.50.



Prize.

Success Bucket Spray Pump. This pump has brass working parts, air chamber, indestructible Bronze valve. Complete with Bordeau nozzle, directions, etc. Price \$4.50.

Brass Bucket Spray Pump. A first-class pump for spraying small trees and light work in general. The best cheap tool on the market. Price \$3.50.

Smith's Patent Force Pump. Just the thing for white-washing your hen house, washing windows and other light work. Tin; four nozzles \$1.00.



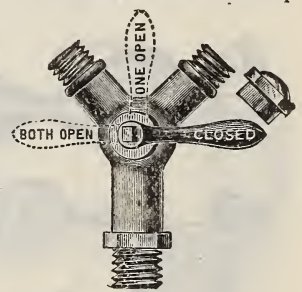
Nozzle Coupling and Hose Stock. Fig. 749. Price, 25c.



Brass Bucket Pump.

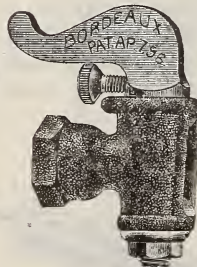


Fig. 971. 25c.
Extension Pole Holder.

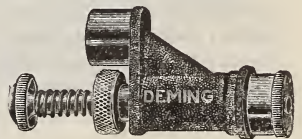


Three Way Cock, Fig. 336.
Price \$1.75.

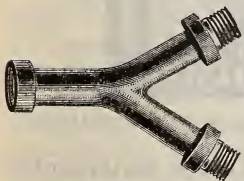
Nozzles.



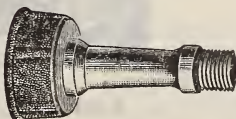
Bordeaux Nozzle.
Fig. 965, price \$1.00.



Vermorel, Fig. 552, Price \$1.00.



Double Spraying Attachment. Fig. 980.
Price 50c.

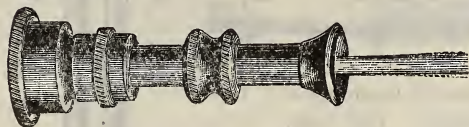


Nozzle and Hose coupling. Fig. 966.
Price 30c.

Improved Cyclone.....	1 00
Bean Cyclone.....	1 00
Bean Duck Bill.....	1 00
Hop, Fig. 553.....	1 50

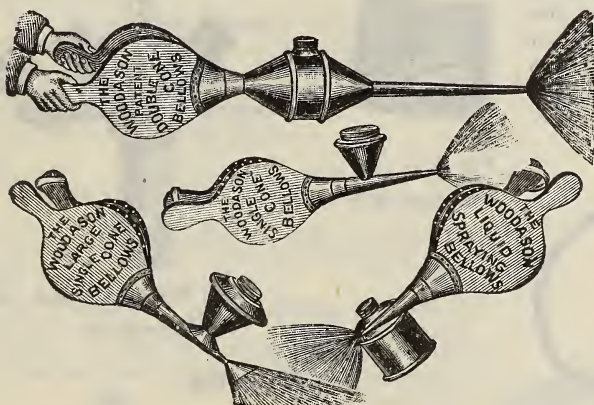


We carry
the
very best
brand of
Garden
and
Pump
Hose.
Write for
Prices.

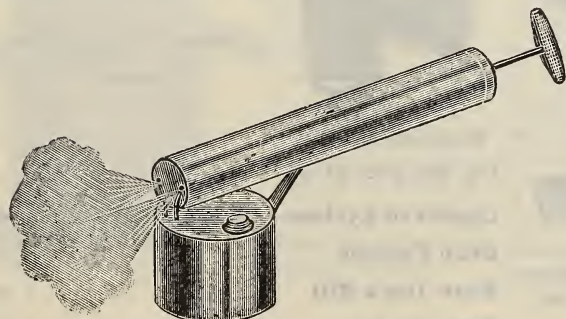


"Gem" Spray Hose Pipe.

Price 50c; by mail, 58c.



Sprayers, Woodason's Liquid, like cut, \$1.50 and \$2.00.
Powder Bellows, Woodason's Single Cone, \$1.25.
Powder Bellows, Woodason's Large Single Cone, \$2.00.
Powder Bellows, Woodason's Double Cone, \$3.00.



Lightning Insect Exterminator.



Yerdon's Bands.
5c; doz. 50c.



Hose Couplings.

$\frac{1}{2}$ in. 15c, by mail 20c.
 $\frac{3}{4}$ in. 20c, " " 25c.
1 in. 25c, " " 35c.



Hose Menders, $\frac{1}{2}$ in. 5c; $\frac{3}{4}$ in. 5c; 1 in. 10c.



Aspinwall Sprayer. Price, 75c.



Scollay Sprayer.

Four sizes—50c;
75c; \$1.00 and
\$1.25; by mail,
55c; 85c; \$1.10 and
\$1.35.



Perfection Sprayer.
No. 1, Angle
Neck, 60c; by mail
65c. No. 3, Angle
Neck, 90c; by mail
\$1.00.

ECLIPSE ATOMIZER

Positively best on the market.

Will Last a Lifetime.

NOT
CHEAP
TIN.



Eclipse Atomizers, \$1.50.

Lightning Insect Exterminator.

Just the thing for spraying Rose Bushes
and small shrubbery. Also first class for
use in chicken houses. Price, Brass, \$1.00.
Galvanized Iron, 75c.

WASHES AND INSECTICIDES.

For Destroying Insects, Scale, Etc.

We give below a list of washes recommended by the State Board of Horticulture for destroying Insect Pests on trees etc.; also other washes and ingredients for same use.

No. 1. Winter Spray for San Jose Scale and Peach Curl Leaf. Ingredients: Salt, lime, sulphur, etc. For winter use, 1 lb. to 2 gals. of water; for summer, 1 lb. to 8 gals. of water. Price, 1 lb. 10c; 25 lbs. to 50 lbs. 5 cts. per lb.; 100 lbs. or more, at 4 cts. per lb.

No 2. For San Jose Scale and Woolly Aphis. Ingredients—sulphur, lime, blue vitrol. For winter use, 1 lb. to 2½ gals. For a preventive, 1 lb. to 5 or 6 gals. For summer, 1 lb. to 8 or 10 gallons. For Codlin moth add to 8 or 10 gals. of solution a full ½ oz. of Paris Green or London Purple. Price, 1 lb. 10c; 25 lbs. to 50 lbs. 5c per lb., case of 100 lbs. or more, 4c per lb.

No. 5. Whale Oil Soap. Summer Spray for Hop Louse and Green Aphis. Use 1 lb. to 7 gals. of water. Price, 1 lb. 10c; 25 to 50 lbs., 5½c per lb., case of 100 lbs. or more, 5c per lb.

No. 7. Bordeaux Mixture for Fungi. Ingredients—Sulphate of copper and lime. For winter use 1 lb. to 2 gals. of water; for summer, 1 lb. to 4 gals. of water. Price, 1 lb. 10c; case 25 lbs. to 50 lbs., 7c per lb; case of 100 lbs. or more 6c per lb.

Paris Green. ½ lb. can 20c; 1 lb. can 35c; 5 lb. can \$1.50.

London Purple. 1 lb. 25c; 5 lbs. \$1.00.

Rosin. 1 lb. 10c; 100 lbs. \$5.00.

Sulphur. 1 lb. 5c; 10 lbs. 30c.

Babbitt's Lye. 10c per can; 1 doz. cans 90c.

Sulphate of Copper. 1 lb. 10c; 10 lbs. 80c; 100 lbs. \$7.00.

Quassia Chips. 1 lb. 10c; 10 lbs. or more, 7c per lb.

Lime. Per barrel, \$1.35.

Fir Tree Oil Soap. The best thing we know of for killing Green Aphis on shrubbery and garden plants. ½ lb. can 25c; by mail 35c.

Ongert's Insecticide. A very strong insecticide. 1 lb. 25c.

Buhach. A Pyrethrum preparation of good strength. 1 oz. 10c; ¼ lb. 25c; 1 lb. 75c.

Aphis Punk. Is a special preparation of nicotine for the extermination of green and black fly, thrip, etc., in greenhouses and conservatories. Is especially recommended for roses, carnations, chrysanthemums, heliotrope, smilax and ferns. Full direction with each package Per roll 5c; box of 12 rolls 60c; case of 12 boxes \$6.50.



Hammond's Slug Shot. Excellent for destroying cabbage, turnip and beet fly, potato bugs, currant worms, green aphids, etc. Prepared ready for use, 1 lb. 15c; 5 lb. pkg. 50c.

Hammond's Grape Dust For the prevention of mildew on roses, grapes, gooseberries, etc. It is not only a preventive, but it cures plants already affected. Our experience with it has been that it is effective where such remedies as powdered sulphur have completely failed. Apply with bellows. 1 lb. 15c; 5 lb. pkg. 50c.



Flower Pots.

	Each	Doz.
2 in.	03	20
3 "	04	35
4 "	05	45
5 "	06	55
6 "	08	85
7 "	12	1 10
8 "	14	1 45
9 "	18	1 80
10 "	30	3 00
12 "	50	5 00

Saucers.

	Each	Doz.
	3	30
	4	35
	5	45
	8	75
	10	95
	12	1 10
	15	1 25
	20	1 80



LANG'S HAND WEEDER

HANDIEST TOOL ON EARTH. BY MAIL PREPAID 25c.



Hazeltine.

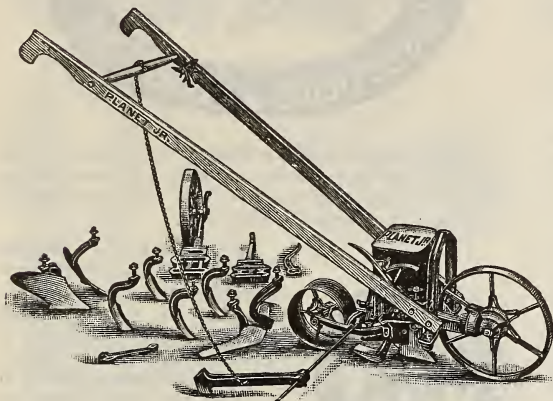


Excelsior.

Excelsior Weeders..... 20c
Noyes Hand..... 30c
Hazeltine's..... 30c
Combinatieu..... 30c

"Planet Junior" Goods.

These goods are too well known to need an introduction. We list the most popular of the "Planet Jr." tools. For full description see "Planet Jr." Catalogue, which will be mailed on application.



Planet Jr. No. 25. \$13.50.

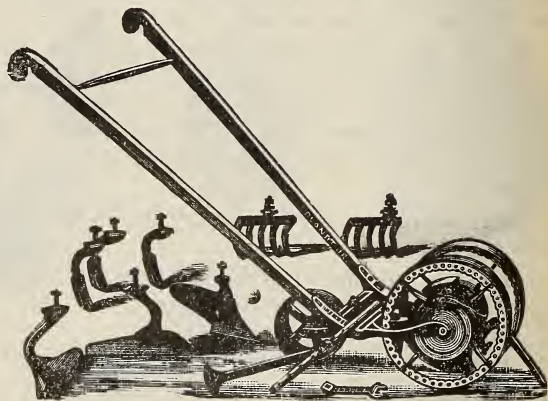
Planet Junior No. 25, Combined Hill and Drill Seeder and Double Wheel Hoe.

This new combined machine is intended for a class of gardeners who have a large enough acreage in crops for a Double-Wheel Hoe to be used to good advantage, and yet prefer not to buy a separate Wheel Hoe. It is large enough for field use, for it holds $2\frac{1}{2}$ quarts (or about 5 lbs.) of onion seed, and has $11\frac{1}{4}$ -inch wheels.

As a drill it is almost identical with the Planet Jr. No. 4 Drill; will sow in drills or hills 4, 6, 8, 12 or 24 inches apart, and has the same automatic device for throwing out of gear, and the new combined cut-off and seed index with thumb-screw adjustment.

As a Wheel Hoe it is identical with the Planet Jr. No. 12 Double Wheel-Hoe, the very best machine on the market. The change from Drill to Wheel Hoe takes but a moment, and the entire combination is one we can heartily recommend and guarantee satisfactory. Price, \$13.50.

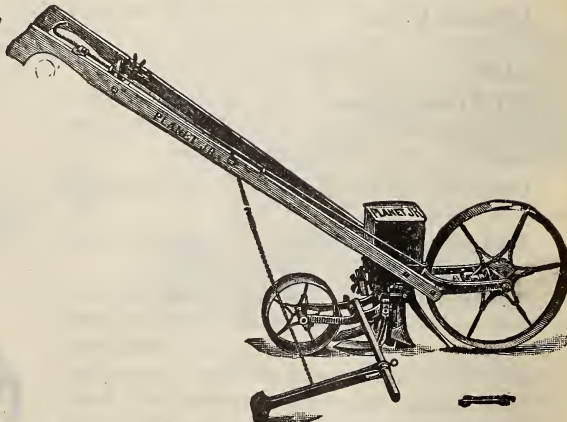
Planet Jr. No. 1, Combined Drill Wheel Hoe, Cultivator and Plow. This tool is popular as a Combined Garden Tool. As a Drill it does good work. The hopper holds one quart. As a Wheel Hoe, Wheel Cultivator or Wheel Plow it is nearly equal to the tools described below. Each machine is sent out with all the tools shown in cut. Weight 47 lbs. Price, \$10.00.



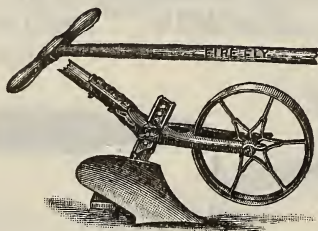
Planet Jr. No. 1. Price, \$10.00.

Planet Jr. No. 2, Garden Drill. Similar to No. 1, but holds $2\frac{1}{2}$ quarts and is a drill only. Price, \$7.50.

Planet Jr. No. 3, Single-Wheel Hill Dropping Drill. This is the same tool as the No. 5 drill, but it is smaller. Weight, 49 lbs. Price, \$10.50.



Planet Jr. No. 3. Price, \$10.50.

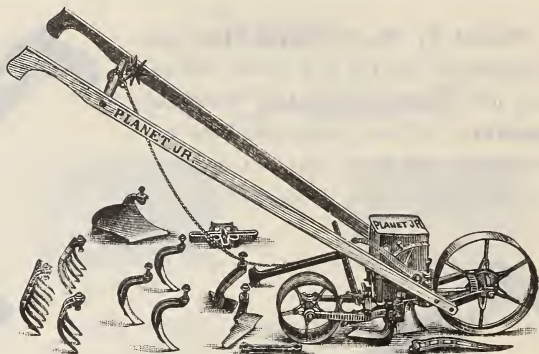


Firefly Hand Plow. Invaluable for small gardens. Price, \$2.50.

Firefly Single-Wheel Hoe. Price, \$4.75.

Planet Jr. No. 4, Single Wheel Hill Dropping Drill. Hoe and Cultivator, Combined. This machine is new but has proved to be the most popular of the Planet Jr. tools. We can scarcely recommend it too highly. It combines conveniently in a single garden implement a capital hill-dropping and a continuous row seeder, with the most perfect and comple single-wheel hoe, cultivator, rake and plow that the most particular can desire. Holds 2 quarts. Weight 45 lbs. Price, \$11.50.

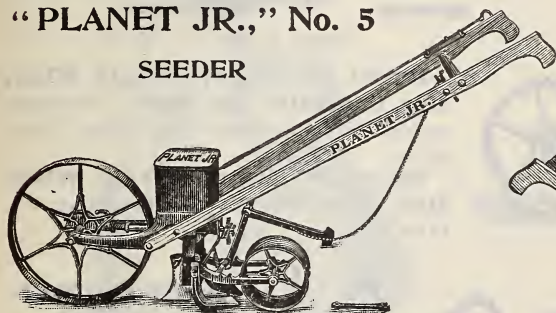
The same machine, with drill only, weight 37 lbs., \$8.50.



Planet Jr. No. 4. \$11.50.

"PLANET JR.," No. 5

SEEDER



Planet Jr. No. 5, Seeder and Hill Dropper. Holds 4 quarts. Price, \$13.50.

Planet Jr. No. 11, Double Wheel Hoe, Cultivator, Rake and Plow. Perfectly adjustable. It has seven pairs of tools, being similar in every respect to No. 12 except that it has an extra pair of hoes and two pairs of rakes. See cut of No. 12 for illustration. Price, \$9.00.

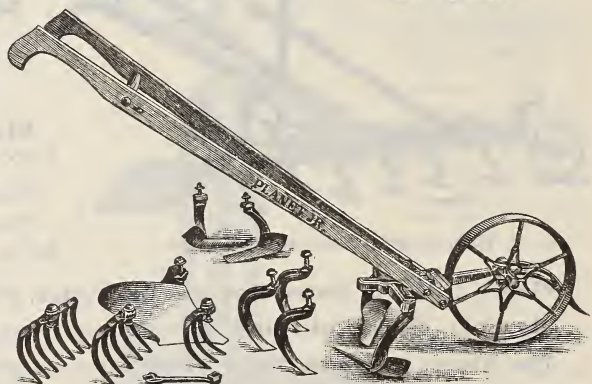
Planet Jr. No. 12, Double Wheel Hoe, Cultivator and Plow. Identical with No. 11, except that it has fewer tools as shown in the cut. Price, \$7.00.

Planet Jr. No. 13, Double Wheel Hoe. This is the No. 11, with a pair of 6-inch hoes only. The other tools may be added as wanted to either No. 12 or No. 13. Price, \$5.00.

Planet Jr. No. 20. Fertilizer, Pea and Bean Drill. Price, \$13.50. The same tool when arranged with Opening Plow, Coverer, Roller and Marker. Price, \$16.50.

"PLANET JR.," No. 12

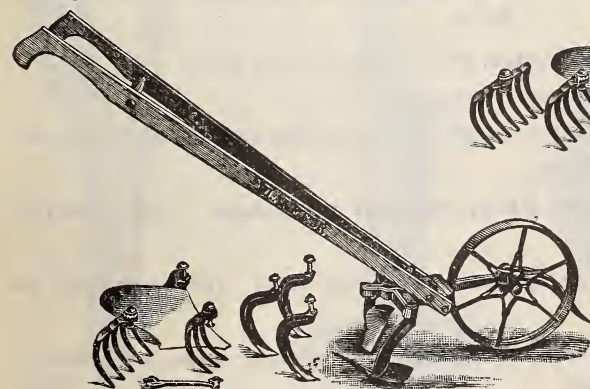
Double Wheel Hoe,
Cultivator
and Plow.



Planet Jr. No. 15. \$7.00.

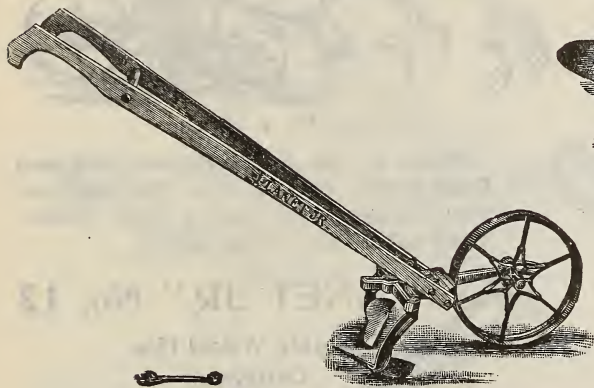
Planet Jr. No. 15, Single Wheel Hoe Cultivator, Rake and Plow. The latest and best Single Wheel Hoe in every particular. Price, \$7.00.

Planet Jr. No. 16, Single Wheel Hoe, Cultivator, Rake and Plow. Price, \$6.00.



Planet Jr. No. 16. \$6.00.

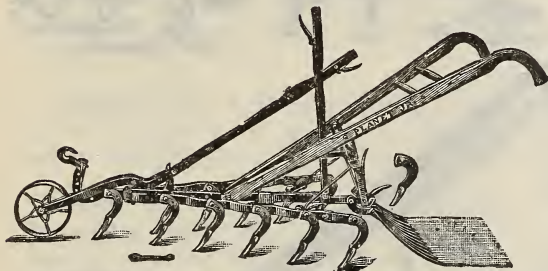
Planet Jr. No. 8, Horse Hoe and Cultivator has the new **lever wheel** and new **depth regulator**. The **expander** is of new pattern, and the **reversible side hoes** may act as plows or hillers or as hoes. Price, \$8.50.



Planet Jr. No. 18. \$3.75.

No. 7, same as No. 8, without depth regulator. Price, \$8.00.

Planet Jr. No. 9, Horse Hoe and Cultivator. Similar to No. 8, but without lever. Price, \$7.50.



Harrow and Cultivator. \$8.50.

Planet Jr. No. 4, Horse Hoe and Cultivator, \$6.50; without wheel, \$5.75.

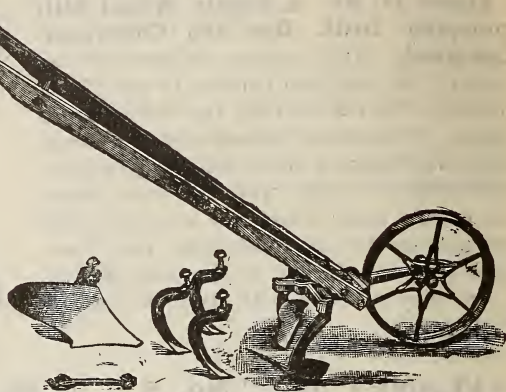
Planet Jr. No. 4, Cultivator, \$5.25; without wheel, \$4.50.

The Planet Jr. Grass Edger will do either straight or curved edging and should be the constant companion of the lawn mower. Price, \$6.50.

The Planet Jr. Pivot Wheel Cultivator, Plow, Furrower and Ridger. 2-horse, one row. Price, \$45.00.

Planet Jr. Orchard Cultivator. A 2-horse machine of great merit. (For description see Planet Jr. Catalogue.) Price, \$40.00.

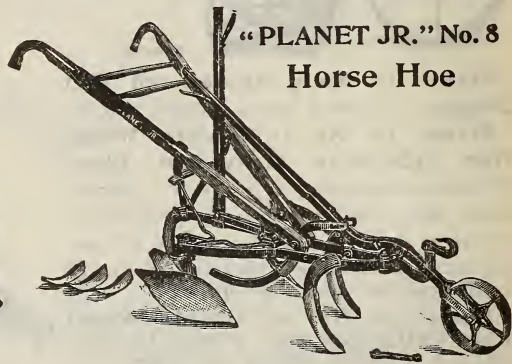
For additional descriptions of preceding tools or for descriptions of other styles, see Planet Jr. Catalogue, which will be mailed on application.



Planet Jr. No. 17. \$5.00.

Planet Jr. No. 17, Single Wheel Hoe, Cultivator and Plow. The same as No. 16 but without the rakes. Price, \$5.00.

Planet Jr. No. 18, Single Wheel Hoe. Other tools may be added as wanted. Price, 3.75.



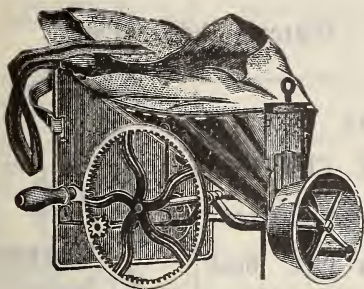
"PLANET JR." No. 8
Horse Hoe

Planet Jr. No. 8. \$8.50.

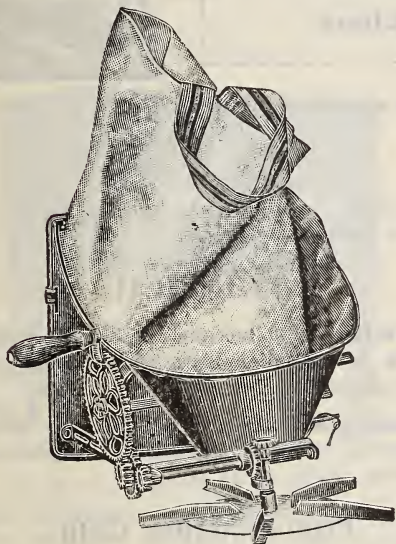
Planet Jr. Harrow and Cultivator, with foot-lever pulverizer, complete. Price, \$8.50.

The same tool without pulverizer. Price, \$7.00.

The same without pulverizer or wheel. Price, \$6.00.

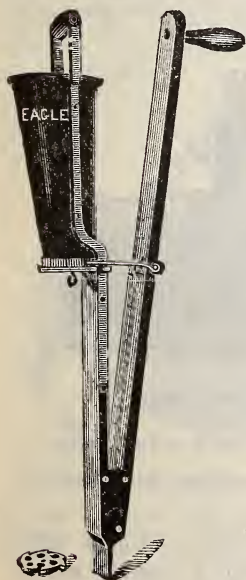


Cahoon Hand Seeder. Price \$4.00.

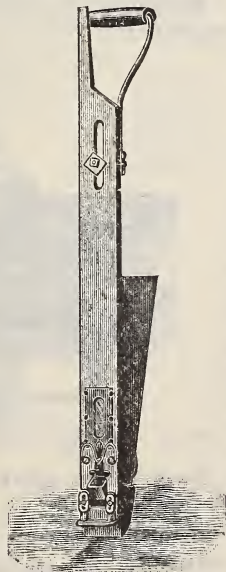


Granger Hand Seeder. Price, \$3.75.

CORN PLANTERS.



Eagle \$1.50.



Babcock \$1.25.

Traps.

"OUT O' SIGHT"



BEFORE TAKEN



AFTER TAKEN

"Out o' Sight" Mouse Trap, postpaid, 10c.

"Out o' Sight" Rat Trap, postpaid, 25c.

"Out o' Sight" Gopher Trap.



NEW PRINCIPLE

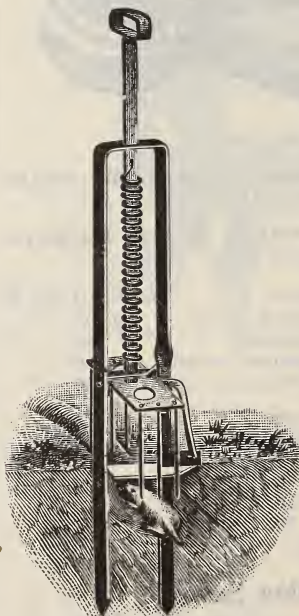
When properly set
will catch 19 out of 20.

The Best Trap Made for
POCKET GOPHERS.

No Danger and Easy to Set. Sure Catch.

Sample trap, sent postpaid for 25 cts.

Full Directions With Each Trap.

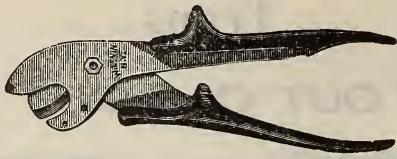


Reddick Mole Trap.

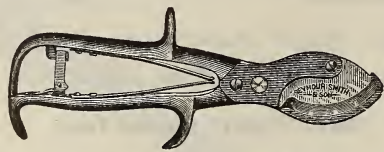
The Reddick Mole Trap is, without doubt, all things considered, the best mole trap ever placed on the market. No mole can pass under it and live. It is not only effective, but cheap. Try it and prove its merits. Price, \$1.00.

Gopher Gun,
\$1.50,

Barnes Mole or Gopher Trap. Sure death'
\$2.00.



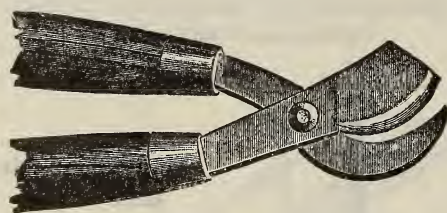
The Levin Pruner. Very strong and an easy cutter.
No. 23, ¾-inch cut, 75c; postage 10c.
No. 24, 1-inch cut, \$1.00; postage 10c.



No. 5. "Sheep Toe" Clipper. Fine for light pruning, as roses, etc. 40c; by mail, 55c.
"No. 14." Spiral spring, 50c; by mail, 65c.
"No. 21." Straight springs, 55c; by mail 70c.



"No 59." 9-inch; polished handles, \$1.00; by mail \$1.20.
No. 52." 9-inch drawcut, \$2 00; by mail, \$2.15.



Rockdale.

Two - Hand Branch Shear, Rockdale.
41-inch, \$1.25; 26-inch \$1.00.

"Two-Hand Branch Shear, Buckeye.
28 inch, \$1.35: 24 inch, \$1.00.

Tree Labels,	Painted	\$0 70 per M
	Painted, wired	1 00 "
	Unpainted	60 "
	Unpainted wired	90 "
Pot Labels.	Painted	85 "
	Unpainted	65 "

Grafting Wax,	¼ lb. Bars,	10c.
"	½ lb. "	20c.
"	1 lb. "	35c.

Raffia. 1 lb. 25c.

Pruning Saws.

California,	12-inch Crescent.....	70c
"	14-inch "	75c
Wonder,	20-inch	85c

Water's Pole Shears.

The MANN
BONE CUTTERS
are unquestion-
ably the best
Mills ever man-
ufactured.



New Standard,	6 feet.....	\$ 75
"	8 "	1 00
"	10 "	1 10
"	12 "	1 25

Pruning, budding and grafting knives, best makes, from 25c. to \$1.25.

Mastica.

Mastica. For glazing hot-house windows. Put up in one-gallon cans, ready for use. Price \$1.50 per gallon.

Mastica Machine. For applying Mastica. Saves time, labor and expense in glazing hot-house windows. Price, \$1.15 each.

Plant-Protecting Cloth.

Light grade, per yard, 10c; per piece of 68 yards \$5.50.

Medium grade per yard, 15c; per piece of 62 yards \$6.00.



Palmer's Plant-Bed Mats.

- No. 1. Burlap Cloth, 40x76 inches, \$1.00.
- No. 2. Duck Cloth outside, 40x76 inches, \$1.25.
- No. 3. Waterproof. Made of oil duck, filled and quilted the same as No. 1. 40x76 inches, \$1.50 each; 76x76 inches, \$1.75 each.

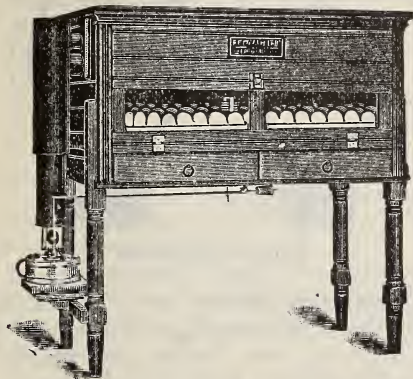
POULTRY SUPPLIES.

We carry a full line of Poultry Supplies and list in this Catalogue most of the principal articles needed by poultry men. We would request any one especially interested in this line to write for our Complete Catalogue of Poultry Supplies.



WE CROW! Because we have surpassed all records in the Poultry Supply business, selling here at our store alone during the past season over 17 carloads, or over Four hundred and fourteen thousand pounds, and to that extent have changed poultry raising from a haphazard to a profitable business.

INCUBATORS.

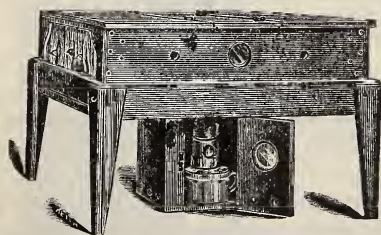


Model 60, 126 Egg Petaluma.

The Petaluma Incubator is a first-class "hot air" machine. The metal parts are principally of iron and copper, so they will last a lifetime; perfectly self-regulating; known the world over as one of the best egg hatching machines; will hatch any thing from silk worm to ostrich eggs. **WE PAY FREIGHT TO YOUR TOWN.**

Petaluma, Model 59,	54 Eggs.....	\$10.00
Petaluma, " 60,	126 "	20.00
Petaluma, " 61,	216 "	30.00
Petaluma, " 62,	324 "	40.00

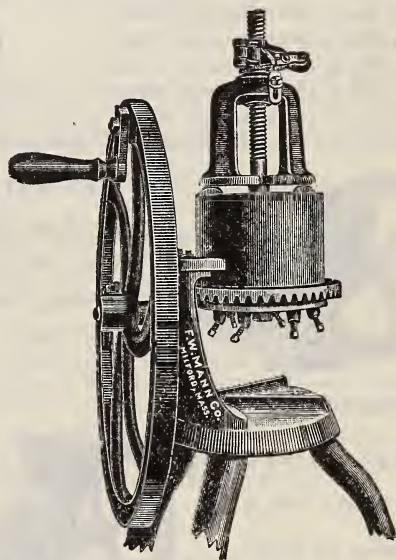
BROODERS.



Indoor Brooder, 100 Chick.

Petaluma. Indoor, 100 Chick.....	\$ 5.00
Petaluma. Outdoor, 100 Chick.....	12.00
Petaluma. Hot Water Sectional,	20.00
200-250 Chick.	

The Mann Bone Cutters, are exceptionally good machines and have given universal satisfaction. They do the work that is expected of them and do it well and rapidly. We believe that you would find one a paying investment, even if your flock of fowls is not very large. Nos. 1 to 8 inclusive, are guaranteed for one year by the manufacturers, and their guarantee is lived up to.

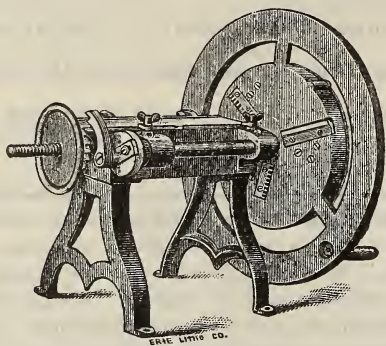


New No. 4, B. M. Mann.

No. 1 C, (with crank handle)	\$ 7.50
No. 1 B, (with balance wheel).....	8.75
No. 1 B. M., (B. W. and iron stand).....	12.50
No. 4 B, (with balance wheel).....	15.00
No. 4 B. M., (B. W. and iron stand).....	18.00
No. 6, (Post Bone Cutter).....	17.00
No. 2, (Standard Bone Cutter)	20.00
No. 8, (Double hand cutter)	24.00
No. 10, (Small power cutter).....	28.00
No. 14, (Large power cutter).....	80.00
No. 16, (Made to order).....	235.00

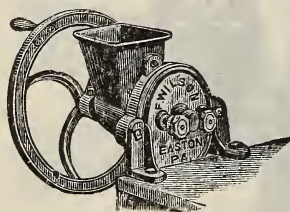
Mortar. Cast iron, perforated; for crushing burnt bone, oyster shells, etc.....\$3.50

The "Dandy" Bone Cutter is one of the newer machines; is well made, strong, compact and easy running. Grinds all kinds of bone, and can be changed instantly from coarse to fine cut. All styles but the No. 0 are Automatic feed. These machines are guaranteed for one year by the manufacturers.



No. 1 Dandy.

Dandy No. 0 (with crank handle)	\$ 6 50
Dandy No. 0 (with balance wheel).....	8 50
Dandy No. 1 (with balance wheel).....	12.00
Dandy No. 2 (with balance wheel)	14.00
Dandy No. 3 (with balance wheel).....	20.00
Dandy No. 9 (with balance wheel, geared) ..	12.00
Dandy No. 12 (with balance wheel, geared) ..	17.00



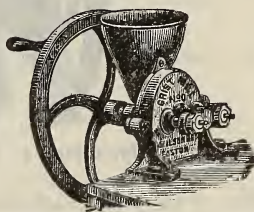
Wilson Mill, No. 1.

The Wilson Dry Bone Mill.

No. 1. For grinding shell, burned bone, feed, etc.
\$5.50.

The Wilson Feed Mill, No. 0.

Especially for grinding feed from grain, corn, etc. Price \$6.00



Wilson Feed Mill, No. 0.

Crown Bone Cutter, with stand and balance wheel, especially adapted to cutting green bones. Price \$12.00.

Mann's Clover Cutter, cuts clover and grass which makes a valuable poultry food. Price \$9.50. Mounted, \$12.00.

The Gem Clover Cutter, cuts green or dry, fine, even and easy. Screw feed and adjustable cutter bar. Price \$11.00.

Mann's Swinging Feed Trays.

18-in.	27-in.	36-in.
\$1.00.	\$1.25.	\$1.50

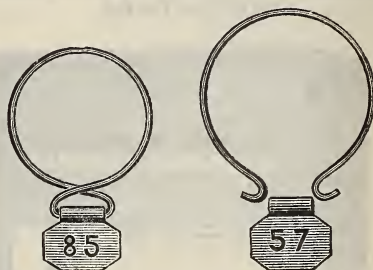
Drinking Fountains.

Earthen	2qts.	40c
"	4 "	50c
Galvanized Iron	2 "	50c
"	4 "	65c

They keep water clean and fresh.

Belgian Hare Feeders, 10c.

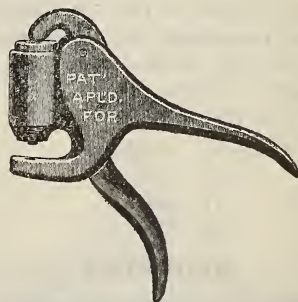
" " **Drinking Fountains**. 10c.



Climax Leg Bands.

Climax Leg Bands. No. 1, 1/2 inch; No. 2, 5/8 inch; No. 3, 3/4 inch; No. 4, 7/8 inch; No. 5, 1 inch; No. 6, 1 1/8 inch. Per doz. 25c; per 25, 40c per 50, 75c; per 100, \$1.35.

Leg Bands. The regular copper leg bands. Per doz. 25c.



Reliable Poultry Punch.

The Reliable Poultry Punch as represented in the cut is a very convenient instrument for marking poultry. Strong and durable. By mail, 35c.

Poultry Marker, by mail 25c. This is a well made, steel-spring punch, for perforating the membrane between the toes of the fowls, and makes an indestructible mark.

Nest Eggs. Each 5c; per dozen, 30c; by mail 50c. per dozen.

Granulated Bone. 1 lb. 2c; 100 lbs \$1.75.
Meat Meal. 1 lb. 3c; 100 lbs. \$1.75.
Oyster Shell. Western, 1 lb. 2c; 10 lbs. \$1.35.
Oyster Shell. Eastern, 1 lb. 2c; 100 lbs. \$1.50.
Oyster Shell. Eastern, fine. 1 lb. 2c; 100 lbs. \$1.50.
Clam Shell. 1 lb. 2c; 100 lbs. \$1.25.
Standard Poultry Grit. 1 lb. 1½c; 100 lbs. \$1.00.

Blood Meal. 1 lb. 6c.
Lee's Lice Killer. Well and favorably known. 1 quart 35c; ½ gallon 60c; 1 gallon \$1.00.

Lee's Tonic Powder. 1-lb. pkg. 25c.
Lee's Insect Powder. 1-lb. pkg. 25c.
Lee's Peerless Gopher Killer. 1-quart 75c.
Lee's Germozone. Liquid. 12 oz. 50c.
Lee's " Tablet. 50c.
Lee's Flyo-Curo. 1 quart 50c.

Lee's Carbolic Sheep Dip. 1 quart 40c.
Carbolineum. Paint your poultry house with it to kill vermin. 1-quart can 50 cents; 4 1-quart cans \$1.75.

Creosozone. Per quart 50c. Sprinkle the roosts of your poultry house with it and it will clear the house and the fowls of lice.

Pratt's Poultry Food. Is a guaranteed egg producer. 26-oz. pkg. 25c; 5-lb. pkg. 60c.

Pratt's Animal Regulator. 1½-lb. pkg. 25c; 3-lb. pkg. 50c.

Imperial Egg Food. 1 lb. 45c; 2½ lbs. 90c; 6-lb. box, \$1.75; 10-lb. box, \$2.50. 25-lb. keg, \$6.00.

Sturtevant's Poultry Cure. A sure cure for diseases of Poultry, such as Cholera, Roup, Swell Head, Influenza, Colds, Pip, Gapes, etc. In packages at 25c. and 50c.

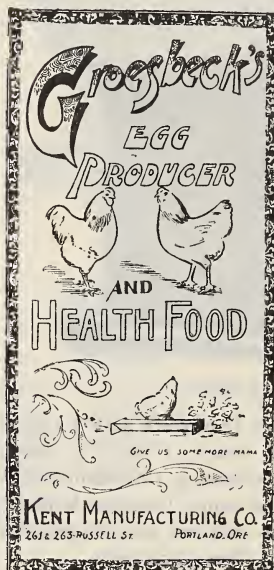
Morris' Poultry Cure. ½ lb. 25c; 1 lb. 50c; by mail, ½ lb. 35c. 1 lb. 68c.

Lambert's Death to Lice. An Insect Powder for lice on poultry, horses, cattle or plants, ticks on sheep, fleas on dogs, moths in carpets or furs. 5 oz. 10c; by mail, 17c; 15 oz. 25c; by mail, 43c; 48 oz. 50c; by mail, \$1.02.

GROESBECK'S EGG PRODUCER

AND HEALTH FOOD

Is an Excellent Egg Producer, Preventive and Cure for all Diseases of Fowls.



It cures chicken cholera, gapes, worms and all diseases.

It produces bone, muscle and feathers.

It makes the comb red, feathers lay smoothly, eggs fertile, and makes larger fowls.

Moulting fowls, when fed **Groesbeck's Health Food**, pay largely by their early laying qualities. Also young chickens and turkeys grow more rapidly, are healthy and free from disease.

Groesbeck's Egg Producer and Health Food. 2-lb. pkg. 25c; 5-lb. pkg. 50c.

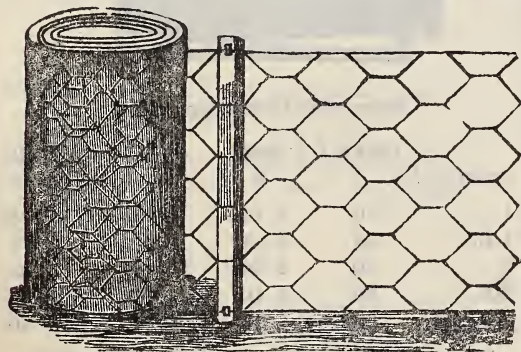
Groesbeck's Lice Paint. When the houses and roosts are infested with lice and nits, paint or spray them with **Groesbeck's Lice Paint**. 1-qt. can, 40c; 2 qt. can 60c; 1-gal. can \$1.00.

Groesbeck's Rough on Lice. 1 pt., 50c.

Harding's Six Hour Lice Killer. One of the very best Insect Powders and sold under a positive guarantee. 18 oz. pkg. 25c; postage 20c.

Groesbeck's Horse and Cattle Powder. Invaluable to the health of Horses, Cattle, Sheep and Swine. Pkg. 25c; large pkt. 50c.

Wire Poultry Netting.



We offer the best quality in pieces 150 feet in length. Short lengths, 1 cent per square foot.

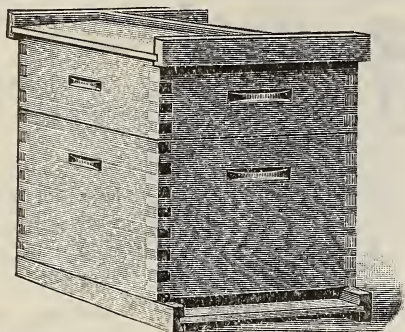
		No. 20	No. 19 Wire
12 inch,	2-in. Mesh,	\$1.05	\$1.15
18 "	" "	1.50	1.65
24 "	" "	2.00	2.25
30 "	" "	2.50	2.85
36 "	" "	3.00	3.40
42 "	" "	3.50	3.90
48 "	" "	4.00	4.25
60 "	" "	4.50	5.00
72 "	" "	5.00	5.65

Prices subject to change without notice.

Write for Poultry Supply Catalogue.

BEE SUPPLIES.

We carry a very large stock of Bee Supplies, which includes a full assortment of the articles necessary for handling bees in an up-to-date manner. We give herewith a list which includes most of the principal articles that are used by bee-keepers. We would request anyone who is specially interested in this line to write us for our complete Catalogue of Bee Supplies, the new edition of which will come out in the Spring.



Dovetailed Hive.

No. 1 Dovetailed Hive (complete with 1 super) consists of one bottom board, 1 body, 1 super, 1 cover, 8 Hoffman brood frames, 1 division board, (2 tightening springs) for super, 6 section holders, 6 slotted separators, 24 sections and foundation starters for frames and sections, and nails.

No. 2 Dovetailed Hive is the same as No. 1, less sections and foundation starters.

No. 3 Dovetailed Hive is the same as No. 1, except that it has two supers instead of one.

No. 4 Dovetailed Hive is the same as No. 3, less sections and foundation starters.

No. 10 Dovetailed Hive (complete two-story for extracting) consists of 1 bottom board, 2 bodies, 1 cover, 16 Hoffman brood frames, 2 division boards and nails.

List of prices of Falcon Dovetailed Hives.

Order by No.	Nailed 1	or K. D. 5	Packed 10	in Flat 10	Weight. of 10
1.	2 20	9 25	18 00		280
1-B.	2 20	9 25	18 00		280
2.	1 90	7 85	15 25		260
2-B.	1 90	7 85	16 25		260
3.	2 80	12 25	23 75		350
3-B.	2 80	12 25	23 75		350
4.	2 40	10 00	19 25		320
4-B.	2 40	10 00	19 25		320
10.	2 30	9 75	19 00		320

"B" designates Supers with Fence Separators and $4\frac{1}{4} \times 4\frac{1}{4}$ 1½ in. Sections.

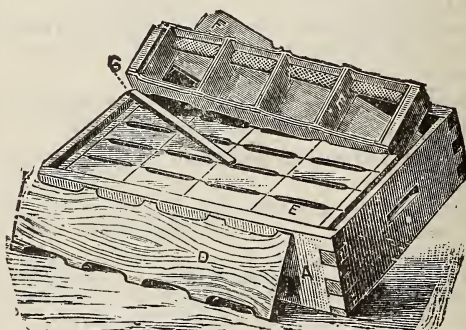
For larger quantities write for prices.

Portland Seed Company's Cedar Hives.

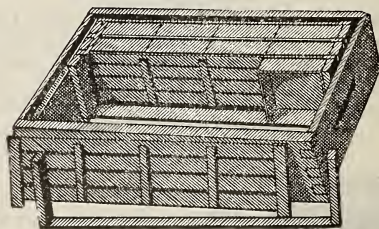
We also offer a cedar hive made up of the best quality of cedar instead of pine. This is a hive that will last for years. It is neatly made, and, for a low-priced article, is first class.

Order by No.	Nailed 1	or K. D. 5	Packed 10	in Flat 10	Weight. of 10
1.	1 85	7 75	15 00		275
2.	1 50	6 25	12 00		250
10.	1 95	8 25	16 00		00

Dovetailed Supers.



Super with Slotted Separators.



Super with Fence Separators.

Order by No.	Nailed 1	or K. D. 5	Packed 10	in Flat 10	Weight. of 10
1.	70	3 15	6 00		75
1-B.	70	3 15	6 00		75
2.	60	2 40	4 50		65
2-B.	60	2 40	4 50		65
O-Empty.	35	1 50	2 75		40

For description of super, see corresponding number describing hives.

Brood Frames.

	In Flat	
Name.	10	100
Hoffman frames.....	30	\$2 50
Improved Foundation Fastening Frames.....	30	2 50

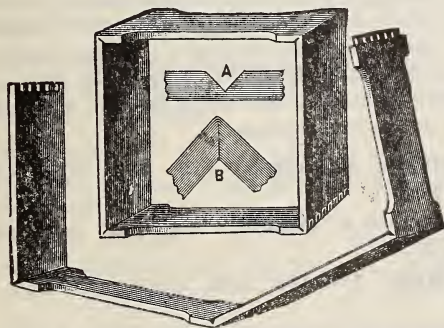
Separators.

	100	
Slotted wood separators, 4½x18	1 00	
Slotted wood sliced separators.....	\$ 75	
Plain separators.....	55	
Fence separators.....	2 00	

Section Holders.

1½ Slotted.....	per 100	\$1.75
1½ Plain.....	" "	1.75

Section-holder bottoms or pattern slats, 100,
\$1.00.

Polished Sections.

	500	1000
Per 100		
\$.60	\$2.50	\$4.75
No. 1. 4¼ x 4¼ x 1½.		
No. 1. 4¼ x 4¼ x 1 15-16.		
No. 1. 4¼ x 4¼ x 1¾.		
No. 1. 4¼ x 4¼ x 7 to the foot.		
No. 1. 4¼ x 4¼ x 1½. No bee way.		

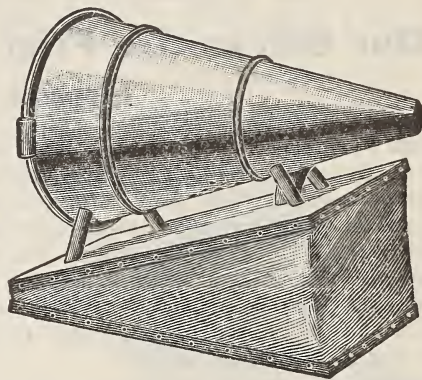
Cheap Sections.

We offer a fair quality of sections as follows:
100, 50c; 500, \$2.00; 1000, \$3.75.

For large quantities, write for special prices.
If ordered by mail, allow 1c each for postage.
Sample section by mail, free.

Bee Veils.

No. 1. Veil, made entirely of silk tulle,	80c.
No. 2. Veil, cotton tulle, silk tulle face,	55c.
No. 3. Veil, cotton tulle, throughout,	40c.
Five Bar or Globe,	\$1.10

Smokers.

Clark's Cold-Blast Smoker.

	Each.	By mail
Clark's Cold Blast.....	\$.60	\$.75
Bingham, Conqueror.....	1.00	1.25
Bingham, Little Wonder.....	.60	.75
Bingham, Doctor.....	1.25	1.55
Bingham, Large.....	.90	1.10
Crane's,.....	1.50	1.80
Corneil.....	1.00	1.20

Dadant's Comb Foundation.

Our foundation is made from Pure Beeswax.

Price per Pound.

Grade	1 lb.	10 lbs.
Light Standard Brood.....	.55	.50
Ex. Light Standard Brood	.60	.55
Light Section.....	.65	.60
Extra Light Section.....	.70	.65

If foundation is wanted by mail, add 25c. per
lb. up to 2 lbs.; and 20c per lb. over 2 lbs.

We pay the Highest Price for Bees Wax.

Honey Extractors.

Novice, No. 5,.....	\$10.00
Cowan, No. 15, Two frames	13.50

Write for Bee Supply Catalogue.

FERTILIZERS.

Our Stocks are First Class in Quality and our Prices are Right.

Lawn Fertilizer. For grass lands, lawns and flowers. This article has been specially prepared to meet the requirements of grass lands, and has been used on a great many lawns in and about this city with highly-satisfactory results. Do not use barnyard manure on a lawn, for it will fill it full of weeds. This fertilizer will feed the roots better and bring in no weeds. 25-lb. sack, \$1.00; 50-lb. sack, \$1.50; 100 lb. sack \$2.50.

Vegetable Fertilizer. This compound is prepared specially for potatoes, vegetables and garden truck, and is unsurpassed for bringing these crops to early maturity. 100-lb. sack, \$2.50.

Complete Fertilizer. An all-around fertilizer for ordinary farm and garden products. 100 lbs. \$2.00.

Fruit Fertilizer. This excellent fertilizer is made expressly for fruits. Its use for fruit trees, vines and shrubs of all kinds will be followed by a great improvement in the quality and increase in quantity. 100-lb. sack, \$2.25; ton, \$40.00.

Hop Fertilizer. This is an excellent manure, and is just the thing needed for the successful growth of hops. A trial will convince hop men of its value. 100 lbs. \$2.00.

Super-Phosphate. This is a first-class article of pure bone phosphate, and acts in a remarkably short time. 100 lbs. \$2.50.

Pure Bone Meal. We supply pure bone meal finely ground, for use on crops of all kinds. Animal bone is a most valuable enricher of the soil, a and crop producer, and is sure to pay well when used. 100 lbs. \$1.75; ton, \$30.00.

Bone Flour. Acts quick and one of the very best for floral culture. 100 lbs. \$1.75.

Land Plaster. 80 lb. sack, 70c; ton, \$12.00.

Fish Guano. The very best quality. 100 lbs. \$1.60.

Nitrate of Soda. An excellent nitrogen fertilizer very quick in action. 100 lbs. \$3.50. Write for ton price.

Bowker's Plant Food. Best fertilizer for house plants. ½-lb. package, 25c; 1-lb. package, 50c, postpaid.

Jadoo Fibre. This is a potting material rather than a fertilizer, and is manufactured by boiling into peat moss certain chemicals which contain

the elements necessary to support plant life. Very fine for house plants. 1 lb. 10c; 5 lbs. 40c; 10 lbs. 70c. Jadoo Liquid, per bottle, 50c.

Thomas Slag Phosphate. A very effective fertilizer, rich in Phosphoric Acid, possessing a high degree of solubility. 100 lbs. \$1.50.

Sulphate of Ammonia. Is one of the most concentrated forms in which Ammonia can be applied to crops. 8c. per lb. Write for price on large quantity.

Potash.

Is one of the most important fertilizing elements. Every farmer should find out by practical experiment what his soil needs and avail himself of the large profit to be derived from the use of potash and other commercial fertilizers. We have a large stock of Potash Salts, direct from the mines at Stassfurt, Germany, and are in position to furnish them at reasonable prices.

Muriate of Potash. 1 lb. 3½c; sack, 224 lbs., \$6.50.

Sulphate of Potash. 1 lb. 3¾c; sack, 224 lbs., \$7.25.

Kainit. 1 lb. 1½c; sack, 224 lbs., \$2.25.

Directions for Using.

For Grass. Use 300 to 350 pounds to the acre. Apply broadcast before a rain.

For Vines and Fruit Trees of Every Kind. Loosen the earth about the vine or tree, and use at the rate of 500 lbs. to the acre, working it into the soil; or, when setting, put into the hole from a handful to a shovelful, according to size of the tree or vine.

For Potatoes. Mix the fertilizer with the earth where the seed is dropped. Use at the rate of 400 lbs. to the acre.

For Corn or Vegetables. Use from 300 to 800 pounds to the acre, thoroughly mixed into the soil at the time of sowing the seed.

For Hops. Use from 400 to 500 pounds to the acre.

A light top dressing of these fertilizers, applied at any time, will be found to aid the growth of crops very materially.

For larger quantities of any of these Fertilizers, write for Special Quotations.

PLANT DEPARTMENT.

We wish to call the attention of our customers to our select list of Roses and other plants. Our stock is all grown in 2½ and 3-inch pots, is strong and healthy and cannot fail to give satisfaction. We send all plants by mail postpaid, unless ordered otherwise. 5c. extra, for postage and packing, must accompany orders for less than 50c. worth.

NEW EVER-BLOOMING ROSES.

Price 15 cents Each (except where noted).

Set of 12 Grand Sorts \$1.50.

Admiral Dewey. Flowers very large and borne on stout canes. Color, bluish white, globular in form, expanding into a full flower without showing the center. 20 cents each.

Burbank. A beautiful cherry crimson variety, valuable because of its hardiness. Flowers of medium size, but borne in wonderful profusion.

Baldwin. Rosy carmine, shadowed with salmon. Flowers large, full and globular. Very hardy and a free bloomer.

Clara Watson. Salmon and pink; buds long and pointed, of elegant proportions, opening into a very large, full flower.

Enchantress. Creamy white, tinted buff at the center; large, full and globular, and a very free bloomer.

George Dewey. Deep red, with crimson shadings; large, full and very fragrant. 20 cents each.

Helen Gambier. One of the loveliest of coppery yellow roses.

Liberty. Color, rich, fiery ruby, shaded deep crimson. Fragrance exquisite. One of the finest everblooming crimson Roses in existence. 35 cents each.

Lady Dorothy. Color, deep saffron, with very rich shades of orange and chrome yellow in the center; surpassing in coloring the beautiful variety, Sunset. An elegant new Tea Rose. 20 cents each.

Maid of Honor. A sport from Bridesmaid, several shades darker in color, being a rich, glowing pink.

Princess Alice de Monaca. Flowers deliciously fragrant; large in size double to the center and of elegant form. Color creamy white, petals faintly tinged with pink on the edges. Very beautiful.

Virginia B. Cox. Color deep, vivid crimson, with rich, velvety shadings. A very fine red rose for the garden. 20 cents each.



NEW CLIMBING ROSES.

Price 15 cents Each (except where noted).

Set of 5 Sorts 60 cents.

Climbing Bridesmaid. A strong, vigorous climber, with flowers identical with the well-known Bridesmaid. A Rose of unquestioned merit.

Climbing Captain Christy. A sport from Captain Christy. It retains the charming peach-pink color, and the exquisite fragrance; added to this, vigorous growth makes it one of the most desirable hardy climbing roses.

Climbing Kaiserin. (Mrs. Robert Peary)* Flowers fine ivory white, of heavy texture and largest size. A grand addition to our list of climbing roses. 20 cents each.

Climbing Meteor. Climbing Meteor is a strong, free-growing climbing Rose that produces all through the growing season its rich, dark, velvety crimson flowers, perfectly double, and in size and finish equal to the best hybrid perpetuals.

White Marechal Neil. Fine creamy white. In other respects exactly like the famous Marechal Neil. 20 cents each.



5 Cents extra for Packing and Postage must accompany all orders for less than 50 Cent's worth of Plants.

NEW HYBRID PERPETUAL ROSES.

Price 20 cents each. Set of 6 sorts \$100.

Clio. Flowers flesh color; shaded in the center with rosy pink; very large, fine globular form, and freely produced.

Captain Haywards. Flowers large and bold; color, intense, glowing red; free blooming.

Roger Lamberlin. Color, glowing crimson; edge of petals marked with a white band. A unique and remarkable variety.

Mrs. J. Sharman Crawford. Color, deep, rosy pink; flowers large, full, very fragrant, of perfect imbricated form.

White Lady. Pure ivory white; massive flowers on long stems.

Jubilee. Deep crimson red, shaded velvety maroon; fairly glows with its warmth of coloring, and has a rich velvety finish, seldom seen in a rose.

NEW WICHURIANA ROSES.

Price 10 cents Each. Five for 50 Cents.

A new class of creeping roses from Japan, particularly valuable because of their hardiness and usefulness where trailing plants are required. Very desirable in cemetery plots or on slopes and rockeries.

Manda's Triumph. Clusters of well-formed double flowers, pure white.

Universal Favorite. Double flowers of a beautiful rose color.

Pink Roamre. Bright, rich pink, with almost-white center and orange-red stamens.

South Orange Perfection. Produces multitudes of the most perfectly-formed double flowers, soft, blush pink at the tips, changing into white.

Rosa Wichuriana. The Single White Memorial or Japanese Trailing Rose.

SUNSET COLLECTION OF CHOICE ROSES.

Price 15 Cents Each. Set of 12 Sorts \$1.30.

General Robert E. Lee. Elegant long, pointed buds of a deep orange yellow. The color is so rich and peculiar as to attract attention wherever seen.

Golden Gate. Creamy white; center and base of petals soft golden yellow, exquisitely bordered with clear rose; buds long and pointed. One of the finest and most beautiful new roses.

Kaiserin Augusta Victoria. This is one of the grandest of all Roses. It is a strong, vigorous grower, producing buds and flowers of enormous size. Color, pure white.

Maman Cochet. This is one of the most beautiful new Tea Roses that has been introduced in years. Color, deep rosy-pink, the inner side of petals silvery rose; makes charming bunches of long-stemmed flowers when cut.

Madame Caroline Testout. A grand new rose of the La France type, but with flowers larger and finer. Color, bright satiny pink; very fragrant and free in bloom.

Madame Wagram. A rampant grower, with very large, full flowers of a magnificent satin rose color.

Marion Dingee. Deep, brilliant crimson; one of the darkest and richest colored Tea Roses in existence.

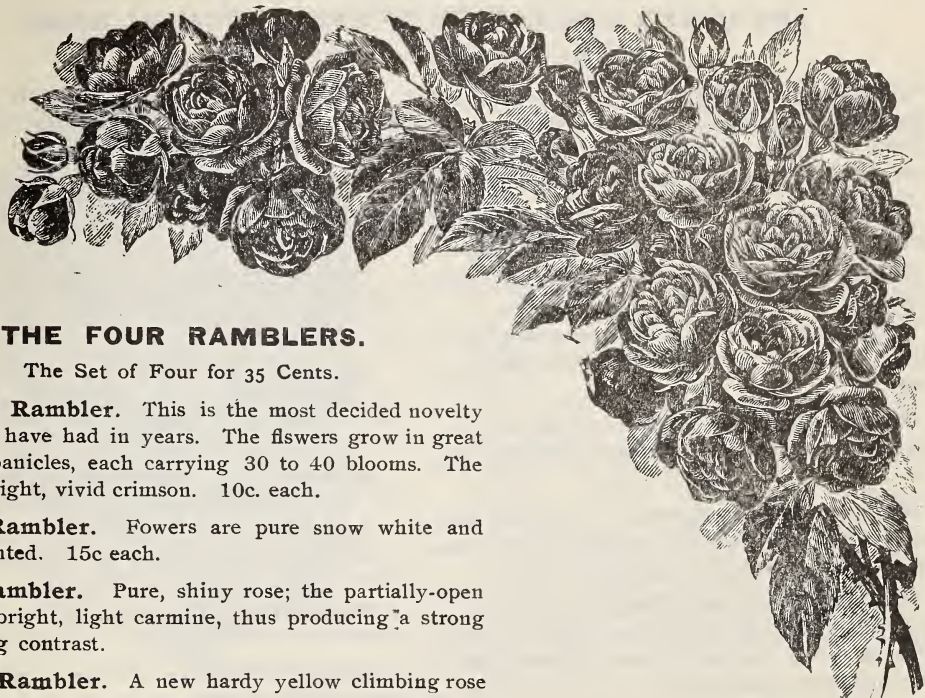
Souvenir President Carnot. Buds long and pointed, and borne on long, stiff, erect stems. Color, delicate rosy flesh, shaded a trifle deeper at the center. A very profuse bloomer.

Sunset. This grand rose is a favorite wherever known. The color is a rich golden amber, or old gold, elegantly shaded, and buds are extra large.

White Maman Cochet. The name describes the new Rose—pure white, grand substance, immense size, exquisitely fragrant, and a free bloomer.

Princess Bonnie. Outer petals are a rich, solid crimson, more vivid than "Jack," while the inner side of the center ones at the base is streaked with white.

Souvenir d'Espagne. A grand new Tea Rose. Color, coppery yellow and rose, beautifully blended; very fine in bud state.



THE FOUR RAMBLERS.

The Set of Four for 35 Cents.

Crimson Rambler. This is the most decided novelty in roses we have had in years. The flowers grow in great pyramidal panicles, each carrying 30 to 40 blooms. The color is a bright, vivid crimson. 10c. each.

White Rambler. Flowers are pure snow white and sweetly scented. 15c each.

Pink Rambler. Pure, shiny rose; the partially-open buds being bright, light carmine, thus producing a strong and pleasing contrast.

Yellow Rambler. A new hardy yellow climbing rose blooming after the same manner as Crimson Rambler, in large clusters.

MARECHAL NEIL COLLECTION OF CLIMBING ROSES.

Price 10 Cents Each. Set of Six Sorts, 50.

Reine Marie Henriette. Color, glowing crimson, elegantly shaded; very beautiful. One of the best climbers.

Golden Chain, or Climbing Safrano. (Reve d'Or.) Color, orange yellow, or a deep saffron; good size, full and sweet.

Elie Beauvilian. Flowers very large and full; fine silvery rose, tinted coppery yellow.

Madame Alfred Carriere. Extra large, full flowers, very double and sweet, and a most profuse bloomer; color, rich, creamy white.

Empress of China. A true perpetual-blooming, climbing rose. Of rapid growth, bearing handsome, semi double pink flowers.

Marecha Neil. A magnificent deep, golden yellow variety; so famous as to need no description. Grown the world over.

IRONCLAD COLLECTION OF HARDY ROSES.

Price 10 Cents Each. Set of Six Sorts. 50c.

Baron de Bonstteton. Large flowers, color, rich, dark red, passing to deep, velvety maroon.

Conquete des Alpes. A lovely, pure white rose; large, full, finely-formed flowers borne in great profusion.

General Jacqueminot. Bright, shining crimson, very rich and velvety; exceedingly brilliant and handsome.

Mrs. John Laing. Very free flowering, color, a soft, delicate pink with a satiny tinge.

Ulrich Brunner. Extra large, bold flowers full and globular; color, rich, glowing crimson, elegantly flamed with scarlet.

Vick's Caprice. Flowers very large; ground color, soft satiny pink, distinctly striped and dashed with white and carmine. A novelty of great merit. Most desirable for the garden.

THE QUEEN COLLECTION OF EVERBLOOMING ROSES.

10 Cents Each 7 for 50 Cents. 15 for \$1.00.

Catherine Mermet. Faultless in form and charming in every shade of color, from the purest silvery rose to the exquisite blend of yellow and rose which illumines the base of the petals.

J. B. Varrone. Intense scarlet crimson; beautifully shaded with buff rose at the center.

Madame de Watteville. Creamy white edged with rose; fancy sort.

LaFrance. Color, a silvery rose, changing to pink. A general favorite and the sweetest of all roses.

Maurice Rouvier. Flowers of immense size; color soft, tender rose, shaded and varied with red.

Madame Scipion Cochet. Color pale rose, shaded with clear yellow, making a charming combination of coloring. One of the best.

Madame Francisca Kruger. Closely allied to Catherine Mermet in everything save color, which is deeply shaded, coppery yellow. One of the finest roses in existence.

Marie Van Houtte. Of a fine, faultless straw yellow color; outer petals washed and outlined with bright rosy carmine.

Papa Gontier. A magnificent red rose; flowers large and semi-double; a vivid cherry-red color.

Perle des Jardines. This magnificent yellow Tea rose still retains its position as one of the finest and most beautiful roses of its color ever introduced.

Rainbow. An elegant new striped rose, bearing freely beautiful buds and flowers of large size; color, a beautiful shade of deep pink, distinctly striped and mottled with brilliant crimson.

Safrano. Bright apricot yellow, tinged orange and fawn. Valued highly for its beautiful buds.

The Bride. Pure snow white; makes finely formed buds and is equally beautiful in open flower.

White La France. Beautiful pearly white, sometimes tinted with fawn. A grand variety.

Madame Philemon Cochet. Color, delicate pink shaded salmon.

LARGE FLOWERING JAPANESE CHRYSANTHEMUMS.

Price 10 Cents Each. 14 for \$1.00.

Col. W. B. Smith. Beautiful incurved flowers, forming a mass of rich golden bronze color.

Charles Davis. Rich, tawny yellow and golden bronze.

Geo. W. Childs. Of immense size, and of the richest, deep, velvety crimson.

Ivory. Snowy white, of perfect incurved form; very large.

J. E. Lager. Very early yellow reflexed Japanese, of good size, color and substance.

John Shrimpton. Velvety crimson. A grand Japanese reflexed variety of magnificent form.

Marion Henderson. A handsome yellow variety of pure tint.

Madame Bergman. Early, white, coming into bloom the first week in October; fully six inches in diameter.

Merry Monarch. A very large, early, white variety.

Major Bonnaillon. Soft, clear primrose yellow six inches in diameter, and nearly as deep, forming a perfect globe.

Mrs. Henry Robinson. Immense globe-shaped, pure white flowers; one of the grandest sorts for exhibition.

Pink Ivory. Differs only from Ivory in color, which is a beautiful silvery pink.

Philadelphia. A very large, round, incurved Japanese flower, color white with faint primrose markings at the tips.

Helen Bloodgood. Clear pink, without a trace or shading of purple or magenta; in form a globe-shaped Japanese.

FUCHSIAS.

Double Varieties.

10 Cents Each. 7 Sorts 50 Cents.

Elm City. Rich crimson sepals; corolla purple; dwarf habit and very floriferous.

Phenomenal. The largest fuchsia that grows; tube and sepals bright coral red; corolla rich violet purple; a very popular sort.

Storm King. Another general favorite; very graceful habit, and it bears double white flowers in great profusion.

White Giant. Tube and sepals bright scarlet; corolla large, double and waxy white.

Lottie. Corolla light carmine; sepals tender rose.

Black Prince. A strong grower and free bloomer; sepals dark red; corolla rose vermillion, tinted violet.

General Brooks. Flowers very large, borne in clusters; the corolla is a rich plum color, tube and sepals crimson.

CARNATION STANDARD VARIETIES.**American Flag Collection.**

10 cents each. Set of Fourteen for \$1.00



Rose Queen. Delicate shade of pink; flowers of large size and very freely produced.

Anna Webb. Color, brilliant dark crimson, shaded with richest maroon.

Daybreak. Bright shade of flesh pink in a large, full-fringed flower of rich fragrance and perfect form.

Dr. Smart. Ground color, cream white, suffused and margined with bright crimson.

Eldorado. Yellow of free blooming habit; strong, vigorous plant; erect stems.

Lizzie McGowan. Pure white, beautifully fringed and very fragrant.

Mrs. Cleveland. A beautiful shade of salmon pink.

Mrs. Fisher. Flowers large, full and fragrant; very prolific; pure white.

President Garfield. A fine scarlet variety; very large and bright-colored.

Portia. Intense bright scarlet; vigorous constitution.

J. J. Harrison. Color, a pearly white delicately edged and striped pink.

Princess Bonnie. Light pink ground, prettily marked and penciled with a darker shade.

Tidal Wave. A very attractive shade of carmine; flowers extremely double, and of the most perfect form.

William Scott. The freest blooming of all pink Carnations; delicate, rosy pink.

COLLECTION OF CHOICE CARNATIONS.

Price 15 cents each. Set of 10 sorts, \$1.00.

America. Soft scarlet, very large and handsome. Flowers borne on magnificent stems and in great profusion.

Black Prince. Dark velvety crimson of the richest shade. One of the best.

Dr. Patskie. Creamy white, variegated with bright scarlet; very large and fine.

Gold Nugget. Deep golden yellow, splashed and striped with red.

Firefly. A bright, deep scarlet, a most perfect color, soft, yet brilliant.

Lily Dean. Flowers are a pure satiny white and marked and shaded with a rosy-pink, good

size, perfect form, never bursts.

Flora Hill. Flower of enormous size, full and double pure white. It is a profuse and continuous bloomer.

Triumph. Color, soft, pure rose, flowers large and well formed.

White Cloud. Flowers very large and full; spicy fragrance; strong, vigorous grower and a remarkably free bloomer; color, pure white.

Mrs. James Dean. Flowers very large, center round and full; color a delicate flesh-pink, with a very strong clove fragrance.

FINEST DOUBLE CERANIUMS.

10 cts. each. 7 sorts 50 cts.

A. Fleurot. Dark garnet, with orange red marking. Very free.

Bruant. A fine bedding variety; color bright vermilion red of a most pleasing shade. Trusses very large, often measuring six inches in diameter.

Le Cid. Rosy carmine, shaded to scarlet; very beautiful bedding variety.

La Favorite. Trusses very large. Flowers pure snow white, even when planted in the open ground. Very floriferous.

Mary Hill. The finest pure pink variety we know of. The shade is quite even; soft and bright, has a distinct white eye.

Madame Hoste. Flowers of enormous size; color, flesh, lined and shaded salmon. One of the finest varieties in existence.

S. A. Nutt. The best of the rich, dark crimson varieties. Trusses massive and in great numbers.

FINEST SINGLE CERANIUMS.

10 cts. each. 7 sorts, 50 cts.

Mrs. E. G. Hill. Color, clear salmon, with a white center.

Monsieur P Olombel. Rich vermilion scarlet, shaded orange; an attractive variety; carrying immense spherical trusses of flowers.

Perle. Trusses large and of perfect form; color, pure snowy white.

Protee. Clear, silvery lilac, passing to light pink; extra fine.

Queen Olga. Flowers bright pink, upper petals shaded to white.

Sam Sloane. An extra fine velvety crimson variety, carrying immense trusses.

Soliel Cochant. Large flowers of a yellow, scarlet color; the finest of the yellows.

Double Fringed Petunias.

10 cents each, 7 sorts, 50 cts.

The flowers far more beautiful than single, being larger, quite double and finely fringed.

Majestic. Clear silvery rose, marked with pure white.

Fantasie. Mottled crimson, purple and white.

Sultan. A beautiful self-colored variety, of a rich purple crimson color.

Champion. Beautiful rosy lilac; very distinct and a desirable variety.

Sea Foam. The finest double white; very floriferous; 20 cents each.

Rosy Morn. Crimson splashed with pink and white; extra choice.

MISCELLANEOUS PLANTS.

Mammoth Verbena. The new mammoth strain are noted for their robust growth and immense flowers. The colors range through the different shades of blue, pink, scarlet, white, purple, crimson and some variegated. Price 10 cents each; 7 for 50 cents; 16 for \$1.00

Begonias. Most useful, ornamental and handsome house plants. No class of plants will grow and bloom better under ordinary care than the Begonia. 20 sorts, 10c. each; 6 for 50c.

Aspasagus Plumosus. One of the handsomest of our foliage plants.

Aloysia Citriodora. (Lemon Verbena.) Foliage delightfully fragrant.

French Cannas. Where brightest and most imposing effects are desired in bedding the Canna is unequalled. Price, 15c; 4 for 50c.

Calla Ethiopia. (Lily of the Nile.) An old and well known house plant; white trumpet-shaped flowers; 10 and 25c. each.

Heliotropes. These plants are universal favorites on account of their delightful fragrance. 10cents each.

Ipomea Grandiflora. The true large flowering moonflower. 10 cents each.

Marguerites. (Paris Daisies). Fine summer bedding plants. Two sorts, yellow and white. 10 cents each.

Mexican Primrose. Flowers about two inches in diameter, of a clear pink color; almost constantly in bloom; 10 cents each.

Salvia Splendens. Long spikes of scarlet flowers. 10 cents each.

Pelargoniums. These are commonly known as the Lady Washington Geraniums. Price, 20c. each. 3 for 50c.

Umbrella Plant. Rush-like stems, with long, narrow leaves radiating from the summit at right angles. 10 cents each.

Wandering Jew, or Joseph's Coat. Excellent basket or vase plants, with beautifully marked foliage. 10 cents each.

	Each
Abutilons. Beautiful flowering plants.....	10c
Anemones. Pink or White.....	15c
Anemone. WHIRLWIND.....	15c
Bleeding Heart	20c
Coreopris-Lanceolata	10c
Colus	10c
Daisy. SNOW CREST.....	15c
English Primrose	15c
Forget-me-not	10c
Helianthus. MULTIFLORUS PLENUS.....	10c
Pink. HER MAJESTY.....	10c
Paeonies	30c
Perrenial Phlox	15c
Rudbekia. GOLDEN GLOW.....	15c
Violets. Blue or White.....	10c

HARDY SHRUBS AND CLIMBERS.

Azalea Mollis	60c
Altheas. Several sorts.....	30c
Amphelopsis Veitchi	20c
" Quinquifolia	30c
Calycanthus	30c
Clematis JACKMANI AND HENRYL.....	75c
" PANICULATA	30c
Deutzia. Several sorts.....	30c
Honeysuckles. 3 sorts.....	30c
Lilacs. Blue and White... ..	30c
Spireas. Several sorts.....	30c
Snow Ball	30c
Wisteria. Blue or White.....	50c

NURSERY DEPARTMENT.

Our complete Nursery Catalogue, which contains a list with short description of fruit, shade and ornamental trees, shrubs, climbers, etc., is issued in the fall, and we should be pleased to mail it to any one who is thinking of purchasing a stock of trees. We simply give below a condensed partial list of the many varieties we can furnish.

APPLES.

1 yr. old, 4 ft. and up, per 10. \$1.00, per 100, \$8.00
2 yr. old, 5 ft. and up, per 10. 1.50. per 100, 12.50

SUMMER.

Early Harvest, Golden Sweet, Red Astrachan.
Red June, Sweet June.

AUTUMN.

Fameuse or Snow, Gravenstein, Rambo,
Twenty Ounce, Waxen.

WINTER.

Baldwin, Ben Davis, Blue Pearmain, Esopus
Spitzenburg, English Golden Russet, Jonathan,
King of Tompkins County, Lady, Lawver, Red
Cheek Pippin, Northern Spy, Rome Beauty, Rox-
bury Russet, Rhode Island Greening, Yellow
Newton Pippin, Yellow Bellflower, Arkansas Black,
Stark.

CRAB APPLES.

Hyslop, Red Siberian, Transcendent.

APRICOTS.

1 yr., 3 to 4 ft., per 10, \$1.50 per 100, \$12.50
1 yr., 4 to 6 ft., per 10, \$2.00 per 100. \$17.50
Royal, Moorpark, Bredda, Russian.

CHEERIES.

1 yr., 3 to 5 ft., per 10, \$1.50 per 100, \$12.50
2 yr., 5 to 7 ft., per 10. \$2.00 per 100, \$15.00
May Duke, Elton, Gov. Wood, Black Tartar-
ian, Black Republican, Royal Ann, Kentish, Late
Duke, Oregon, Bing. Hoskins, 25c; Lambert, 25c.

PEARS.

1 yr. 3 to 4 ft., per 10, \$1.50 per 100, \$12.50
2 yr., 4 to 6 ft., per 10, \$2.00 per 100. \$15.00

SUMMER.

Bartlett, Clapp's Favorite, Early Butter,
Madelen.

AUTUMN.

Beurre d'Anjou, Beurre Clairgeau, Fall
Butter, Seckle, Louise Bonne de Jersey.

WINTER.

Easter Beurre, Pound, Winter Nellis.

PEACHES.

1 yr., 3 to 5 ft., per 10, \$2.00
Alexander. Hale's Early, Early Charlotte,
Crawford's Early, Crawford's Late.

QUINCES.

1 yrs., 20c. 2 yrs., 25c. Extra large, 35c.
Orange or Apple, Champion.

PRUNES.

1 yr., 4 to 6 ft., per 10, \$1.50 per 100, \$12.50
2 yr., 5 to 7 ft., per 10 \$2.00 per 100, \$15.00

French or Petite, Golden, Hungarian, Italian,
Silver. Sugar new \$2.00 each.

PLUMS.

1 yr., 4 to 6 ft., per 10, \$1.00 per 100, \$9.00
2 yr., 5 to 7 ft., per 10. \$1.50 per 100, \$10.00

Bradshaw, Coe's Golden Drop, Damson, Peach
Plum, Reine Claude, Yellow Egg, Columbia,
Abundance.

GRAPES.

1 and 2 yr., per 10, \$1.00 per 100 \$8.00

Eaton, Moore's Early, Niagara, Concord, Del-
aware, Moore's Diamond, Worden, Isabella.

CURRENTS.

Per doz. 50c; per 100, \$4.00.

Fay's Prolific, Red Cherry, White Grape,
Black Naples.

RASPBERRIES.

Per doz. 50c; per 100, \$3.50.

Cuthbert, Gregg, Red Antwerp.

BLACKBERRIES.

Per doz. 50c; per 100, \$3.50.

Lawton, Kittatinny, Evergreen.

GOOSEBERRIES.

Oregon Champion, per doz. 65c. per 100, \$4.50
Industry, Corliss, Houghton Seedling. Each 25c.

STRAWBERRIES.

Per doz. 25c. postpaid; per 100 50c; per 1000 \$3.50.

Sharpless, Wilson, Triumph, Clark Seedlings,
Crescent.

Magoon, Per doz. 30c, postpaid; per 100
75c; per M write for quotations.

Pampas Grass. Fine large clump, \$0 50

Almonds, Soft Shell, 5 to 10 ft. 25
" Hard Shell, 5 " 10 " 25

Walnuts, English, 5 " 12 " 75
" Black, 6 " 12 " 75

Chestnuts,
Italian or Spanish 8 " 15 " 1 50

Mountain, Ash, 10 " 12 " 75

Mulberries, Russian 6 " 10 " 50
" Downings 6 " 10 " 1 00



POULTRY

AND

BEE SUPPLIES,

FERTILIZERS,

ETC.

This Collection

8 BEST

Sweet Peas

30 ¢

(CHOICEST FLOWER SEED.)